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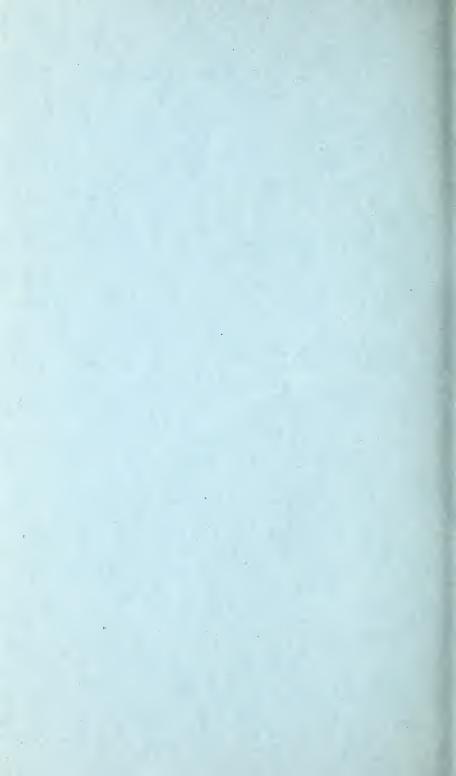
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Wm. Flemer's Sons Inc. F.S.F. Nurseries - Princeton Nurseries

SPRINGFIELD, NEW JERSEY



Foreword

HIS new catalogue is an endeavor to place before you a comprehensive list of plant material available at our nurseries, so arranged as to assist you in quickly finding the information desired.

The three main divisions of plants, Deciduous, Evergreen and Herbaceous, are arranged separately in alphabetical order, and the whole completely indexed by using both the common and botanical name.

It is hoped the brief descriptions and appended "Lists" will prove helpful when compiling your planting plans.

Having over eight hundred acres under cultivation we are able to utilize the most modern and economical methods of growing and handling nursery stock to produce high class plant material at a consistently low price.

While we cannot undertake to do any planting or landscape work directly with our staff, we are always in close touch with competent landscape designers and will gladly cooperate with you in arranging appointments.

Respectfully

WM. FLEMER'S SONS, INC.

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Conditions of Sale

ALL ORDERS ARE ACCEPTED SUBJECT TO previous sale and the following terms and conditions:

PRICES in this catalogue cancel all previous lists and quotations and are subject to change without notice. Cost of packing will be extra. Prices include local route delivery, but a special charge covering cost is made on distant or special deliveries.

STOCK SPECIALLY SELECTED by customers at the Nurseries will be charged according to the value of the trees chosen, irrespective of catalogue list price

RATES.—Lots of 5 and 25 of a variety will be furnished at the 10 and 100 rates respectively.

TERMS, CASH WITH ORDER, unless by special arrangement when the account is due in 30 days from date of invoice.

CLAIMS of shortage or error must be made direct to our office within five days after receipt of goods. Stock delivered as per order and in good condition is not returnable. On stock shipped the claims for damage while in transit must be made against the delivery company.

GOODS IN TRANSIT.—All goods are at purchaser's risk after they are delivered to the forwarding companies and we receive their receipt for the shipment in good condition.

WE ARE NOT OPEN FOR BUSINESS ON SUNDAY

Deciduous Trees, Shrubs and Vines

NOTE—The figures in italics, following each variety, indicate in feet the approximate height of that plant when mature.

We recommend that all varieties marked with an asterisk be dug with a ball of earth and burlapped to minimize loss. This will involve an extra charge per plant, as follows:

2' to 4'—25c 5' to 6'—35c 7' to 8'—50c 9' to 12'—75c'

Where marked B. & B, these charges are included in the printed list.

where marked b. 6 b, these charges are included in the printed list.
ABIES. See Evergreens, page 41. Each Per 10 Per 100
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
ACER campestre. Hedge Maple. 15'-20' Round dense head, corky bark, slow growth. Useful for dry location in undergrowth.
3 to 4 ft
dasycarpum. Silver Maple. 60'-80' Quick growing, graceful.
Leaves silvery underneath—clear yellow autumn coloring. 8 to 10 ft
pyramidale. Pyramidal Silver Maple. 30'-40' A narrow form
with vertical branches, useful for accent. Grows quickly. 6 to 8 ft
- wieri. Wier Cut Leaf Maple. 60'-80' Graceful, drooping tree.
6 to 8 ft
negundo. Box Elder. 60' Grows where other trees fail—especially
good for dry barren places and seashore. Rapid grower. 8 to 10 ft., $1\frac{1}{4}$ to $1\frac{1}{2}$ in. 2.00 18.00 10 to 11 ft., $1\frac{1}{2}$ to $1\frac{3}{4}$ in. 2.50 22.00
palmatum (polymorphum). Green Japanese Maple. 12'-15' Slow
growth, picturesque outline. Forms a splendid lawn specimen. 1½ to 2 ft
— atropurpureum. Purple Leaf Japanese Maple. 6'-8' Has rich purple-red leaves. Best in sun. Carefully selected for color.
GRAFTED PLANTS 12 to 15 in4.00 5" pots 6.00 15 to 18 in6.00 6" pots 7.50 1½ to 2 ft8.50
nigrum (Parsons). This old but scarce variety is the darkest colored form known, retains its blackish-purple throughout summer.

2½ in. pots...... 1.50 14.00

Each Per 10 Per 100

ACER pennsylvanicum (striatum). Striped Maple. 20'-30' Has very distinctive green bark striped with white. Thrives in wet soil	5- 1
3 to 4 ft	1.
4 to 5 ft 2.00 18.00	
5 to 6 ft	
platanoides. Norway Maple. $50'-75'$ The most popular street tre- retains green leaves till late autumn, then turns rich yellow	2,
5 to 6 ft 2.50 22.00 180.0	
6 to 8 ft	
8 to 10 ft., 1½ to 1½ in. 6.00 55.00	
8 to 10 ft., 1¼ to 1½ in. 6.00 55.00 10 to 11 ft. 1½ to 1¾ in. 7.00 11 to 12 ft., 1¾ to 2 in. 8.50	
11 to 12 ft., 1¾ to 2 in. 8.50 12 to 13 ft., 2 to 2¼ in. 10.00	
12 to 14 ft., 2½ to 2½ in. 12.00	
13 to 14 ft., $2\frac{1}{2}$ to 3 in. 13.50	
14 to 16 ft., 3 to $3\frac{1}{2}$ in. 17.50 — schwedleri. Schwedler Purple Maple. $40'-60'$ Probably the bes	-t-
large growing purple leaf tree. Useful as a lawn specimer	
5 to 6 ft 3.00	
6 to 8 ft 4.50	
rubrum. Red or Scarlet Maple. 50'-75' Best in moist locations, als thrives in upland. Brilliant red autumn coloring—gray bark	
6 to 8 ft	
8 to 10 ft 4.00	
8 to 10 ft., $1\frac{1}{4}$ to $1\frac{1}{2}$ in. 5.50	
10 to 12 ft., 1½ to 1¾ in. 6.50 12 to 13 ft., 1¾ to 2 in. 8.50	
13 to 14 ft., 2 to $2\frac{1}{4}$ in. 10.00	
13 to 14 ft., $2\frac{1}{4}$ to $2\frac{1}{2}$ in. 12.00	
saccharum. Sugar Maple. 50'-75' Most popular in northern states	;.
Best planted in spring—has a rich yellow autumn coloring to 8 ft 2.50 22.00	
8 to 10 ft 3.50 30.00	
10 to 11 ft., $1\frac{1}{4}$ to $1\frac{1}{2}$ in. 4.50	
11 to 12 ft., $1\frac{1}{2}$ to $1\frac{3}{4}$ in. 5.50 12 to 13 ft., $1\frac{3}{4}$ to 2 in. 7.50	
13 to 14 ft., 2 to $2\frac{1}{4}$ in. 9.00	
14 to 15 ft., $2\frac{1}{4}$ to $2\frac{1}{2}$ in. 11.00	
tatarica ginnala. Tatarian Maple. 10'-12' Graceful and valuable	
for bright red autumn coloring. Has a good twiggy habit 2 to 3 ft	
3 to 4 ft 1.25 12.00	
4 to 5 ft 2.00	
ACTINIDIA arguta. Bower Actinidia. 20'-30' Greenish white, July-rich	
dark green foliage—yellow berries. A quick growing vine 1 yr	
2 yr	
3 yr 1.00 9.00	
AILANTHUS glandulosa. Tree of Heaven. 50'-60' Succeeds under	
most adverse city conditions. Large leaves—grows rapidly 6 to 8 ft	
8 to 10 ft 2.25 20.00 180.00)
10 to 12 ft)
12 to 14 ft 4.50 40.00 AKEBIA quinata. Five Leaf Akebia. Dainty, beautiful vine—with purple	e
flowers in May. Leaves deep green, persisting till winter.	
2 yr	

DECIDUOUS TREES, SHRUBS AND VINES 5
Each Per 10 Per 100
AESCULUS hippocastanum. Horsechestnut. 60'-75' Forms a broad
rounded pyramid, flowers white. A valuable lawn tree.
2 to 3 ft
3 to 4 ft
AMELANCHIER canadensis (botryapium). Juneberry. 12'-15' White flowers in early spring before leaves. Fruits relished by birds.
1½ to 2 ft
2 to 3 ft
3 to 4 ft 1.00 9.00 80.00
AMORPHA canescens. Lead Plant. 2'-3' Handsome free flowering com-
pact shrub. Fine gray-green foliage—purple-blue flowers, June.
15 to 18 in
fruticosa. Indigo Bush. 8'–10' Deep purple flowers, June. Vigorous.
1½ to 2 ft
2 to 3 ft
3 to 4 ft
AMPELOPSIS engelmanni. Engelmann Creeper. 30'-40' A good
woodbine—hardy and vigorous, vivid fall coloring.
2 yr
heterophylla. Porcelain Ampelopsis. 15'-20' Leaves deeply lobed,
fruits bright blue in Sept.—Oct. Very attractive, grows quickly.
2 yr
quinquefolia. Virginia Creeper. 30'-50' Valuable for rich fiery
autumn coloring. Üseful for natural effects. Quick grower.
2 yr
3 yr
tricuspidata (veitchi). Japanese Creeper. 40'-50' Brilliant autumn coloring, blue berries turning black—close, self-clinging vine.
1 yr
2 yr
— lowi. Geranium Creeper. 6'-7' Deeply cut foliage, self-clinging.
2 yr 1.00 8.00
AMYGDALUS persica (Prunus). Flowering Peach. 8'-10' Decorative
double flowering, blooms before leaves—red, pink or white.
Please specify color wanted
⁸ 2 to 3 ft
4 to 5 ft
5 to 6 ft 1.50
nana (Flowering Almond). See Prunus glandulosa, page 25.
ANDROMEDA. See Pieris, pages 24 and 49.
ARALIA pentaphyllum. See Acanthopanax, page 3.
spinosa. Hercules' Club. 18'-20' Useful for tropical effects and shadows. White flowers, July—dark purple berries follow.
2 to 3 ft
4 to 5 ft
5 to 6 ft
0 110
ARISTOLOCHIA sipho. Dutchman's Pipe. Large leaves. Grows rapidly.
2 yr 1.00 9.00

6	DECIDUOL	US TREES, SHRUBS	AND VINES
A DONA	1 ('C !' D	10111	Each Per 10 Per 100
ARONIA a	berries.	Succeeds in moist half-s	Valuable because of its red shade. Good fall coloring.
	$\frac{1}{2}$ to $\frac{2}{2}$ to $\frac{3}{2}$	ft ft	.85 8.00 1.00 9.00
	3 to 4	ft	1.25 10.00 90.00
	4 to $4\frac{1}{2}$ 4 to 5	ft ft	1.50 13.00 100.00 1.75 15.00
brillian	tissima. $6'-8$		
	2 to 3	ft	1.00 9.00
	3 to 4 4 to 5	ft ft	1.25 11.00 1.50 13.00
melano). Black Chokeberry	
meian			ersist until late. Half shade.
	$\frac{1}{2}$ to 2	ft	.75 6.00 50.00
	2 to 3 3 to 4	ft ft	.85 8.00 60.00 1.00 9.00 80.00
	4 to 5	ft	1.25 10.00 90.00
		varieties see page 41.	. 1: 01 1
arbore		Azatea, 10'-12' Fra Nursery Grown Clump	grant white flowers, June.
	12 to 15		2.00 18.00
	15 to 18	in. B. & B	2.50 22.00 200.00
	$\frac{1\frac{1}{2}}{2}$ to $\frac{2}{1}$	ft. B. & B B. & B	3.00 28.00 250.00, 4.00 35.00
	$2\frac{1}{2}$ ft	В. & В	5.00
amoen	_	eens, Page 41.	
calend			10' Brilliant flame colored whole shrub. Best in mass.
		Nursery Grown Clump	
	15 to 18	in. B. & B	2.50 22.00
	$1\frac{1}{2}$ to 2	ft. B. & B	3.00 28.00 and excellent species. Pink.
canesc		ft. B. & B	
		ft. B. & B	6.00
hinode	2½ ft. giri See Ever	B. & B	8.00
			brick-red flowers in May.
	A beautifu	al, unusual color, erect	bushy habit, quite hardy.
	15 to 18 $1\frac{1}{2}$ to 2	in. B. & B ft. B. & B	3.50 30.00 4.00 35.00
	2 ft.	В. & В.	5.00
mollis.	Chinese Aze	alea. 4'-5' Large sh	owy flowers in shades of
		id red, May-June. La in. B. & B	arge hairy leaves—likes sun. 2.25 20.00 180.00
		in. B. & B	3.00 28.00 250.00
		ft. B. & B	4.00 35.00
nudiflo			nted pink flowers in May. A beautiful native variety.
		Nursery Grown Clum	
	15 to 18 1½ to 2	in. B. & B ft. B. & B	2.50 22.00 3.00 25.00
		ft., B. & B.	3.50
pontic	ım. Pontic A	zalea. 6'-8' Flower	s yellow, red and white.
		in. B. & B	3.50
	$\frac{1\frac{1}{2}}{2}$ to $\frac{2}{3}$	ft. B. & B	4.00 5.00
	21/2 ft.	В. & В	6.50

DECIDUOUS TREES, SHRUBS A	
	Each Per 10 Per 100
AZALEA rosea. Downy Azalea. 4'-5' Good bu	
pink flowers, May-June. Prefers Nursery Grown Clumps	
15 to 18 in. B. & B	2.75 25.00
1½ to 2 ft. B. & B.	3.00 28.00
2 to 2½ ft. B. & B	4.00
15 to 18 in. B. & B	rose pink. Rare,beautiful.
15 to 18 in, B. & B	
$1\frac{1}{2}$ to 2 ft. B. & B	3.50
viscosa. Swamp Azalea. 4'-5' White, ver	y fragrant, June-July.
Nursery Grown Clumps	
15 to 18 in. B. & B	2.50 22.00 200.00
1½ to 2 ft. B. & B.	3.00 28.00 250.00
yodogawa. Yodogawa Azalea. 3'-4' Double in May. Quite hardy and of excep	e pinkish-lavender flowers
12: to 15 in R & R	2.00 18.00 160.00
15 to 18 in. B. & B	3.00 25.00
12 to 15 in. B. & B	4.00 35.00
2 to 2½ ft. B. & B	5.00
BACCHARIS halimifolia. Groundsel Bush. 9 seed pods in Sept. Good for seash	'-10' Conspicuous fluffy
2 to 3 = ft	.75 6.00 1.00 9.00
BENZOIN aestivale (Lindera Benzoin). Spice yellow, April—scarlet berries, leaves	aromatic—likes moisture
1½ to 2 ft	.75
2 to 3 ft	1.00
	1.25
BERBERIS ilicifolia. See Evergreens, page 41.	
macracantha. Bigthorn Barberry. 3'-4' latthorns, grows freely. Red fruits,	Has pleasing foliage and
12 to 15 in 15 to 18 in	.75
$1\frac{1}{2}$ to 2 ft	1.00
sieboldi. Siebold Barberry. 3'-4' Handsome	shrub—leaves purplish red
when young, vinous red in autumn-	-bright red fruit all winter.
12 to 15 in	.60
15 to 18 in	.75
thunbergi. Japanese Barberry. 4'–5' A sp for massing—brilliant autumn colo	olendid low hedge plant or
12 to 15 in	.25 2.00 15.00
12 to 15 in	.35 3.00 20.00
$\frac{1}{2}$ to 2 ft	.50 4.00 30.00 .75 6.00 50.00
15 to 18 in	.75 6.00 50.00 1.00 8.00
— SHEARED GLOBES. These are well-shap	ed solid formal specimens.
15 in. B. & B	
1½ ft. B. & B.	3.00
— atropurpurea. Redleaf Japanese Barberry	
reddish purple foliage, should be pl	
1 yr	.85 8.00 70.00 1.25 10.00

8	DEC	אכוו		5 IRE	E5, 5F	IKOBS					
							Eac		Per 10		
BERBERIS	thui	ıber	gi m	inor.	Box E	Barberr	y. 2'-	-3'	A dwarf	comp	act
				rberry.	Used (effective			ll trimme		
	9	to	12	in				50	4.00	30.	.00
vulgaris.	En	rob	ean I	Rarher	rv 7'-	-8' Yel	llow flo	NWer.	s May	Clust	ore
vuigaris.	of re	ed fr	uits.	persist	till mi	d-winter	r. Vi	goro	us, uprig	ht ha	bit.
	11/2							50	4.00	30.	
	2	to						60	5.00	40.	
	3	to	4					75	6.00	50.	.00
— purpi	iron	D.	urnla	Euros	naan B	arbarr	. 7'	0' C	oft nurni	o folio	~~
— purp											
	$\frac{1\frac{1}{2}}{2}$	to	2 3					50 60	4.00 5.00	30. 40.	.00
	3	to	4					75	6.00	40.	.00
			-					-			
*BETULA a	lba.	Ei hen	grou	an WI ped ag	uite Bir ainst da	rch. 3 rk gree	0'-50' n. back.	Wh group	iite bark, nd—very	effect eracel	ive ful.
		to						75	16.00	g. acc.	
	6	to	8					75	25.00		
	8	to	_					50	20100		
* lacin		77			1 6	20/ 40/	Λ		1 1		
* lacin			-						ıl lawn	specim	ien.
	5	to	6					00	35.00		
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	O	ιο									
*— pyrai	nida	lis.	Pyro			Birch			Dense o	column	nar.
	3	to	4				. 4.	50			
	4	to	5	ft			. 6.	00			
* voun	gi.	You	ng W	eepin:	g Birch	ı. 30'-	40' Ha	as spi	reading r	endul	ous
* youn									reading p n specim		ous
* youn				Pictur	esque r		ooking				ous
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·	b 3 Swee	ranc to t Bi	hes. 4 rch.	Pictur ft 50'-6	esque r 0′ Sm	ugged l ooth re	ooking 5. eddish	law 00 bark	n specim	en.	
·	3	ranc to	hes. 4	Pictur ft 50'-6 ft	esque r 0' Sm	ugged 1	ooking 5. eddish 1.	law 00	n specim	en.	
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*lenta.	b 3 Swee 4 6 Yelle	to	hes. 4 rch. 6 8 Birch	Pictur ft 50'-6 ft ft 50'-	esque r 0' Sm -70' N	ooth re	ooking 5. eddish 1. 2. ine wii	bark 75 25	s, showy 15.00 20.00	en. ′catki	ins.
*lenta.	b 3 Swee 4 6	to to t Bi to to	hes. 4 rch. 6 8	Pictur ft 50'-6 ft 50'-ft	esque r 0' Sm -70' N	ooth re	ooking 5. eddish 1. 2. ine wii	bark 75 25 ndbre	s, showy 15.00 20.00	en. ′catki	ins.
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*lenta.	5 Swee 4 6 Yello 4 6 8 10	to t	hes. 4 rch. 6 8 Birch 6 8 10	Pictur ft	0′ Sm -70′ N	ugged 1	ooking 5. eddish 1. 2. ine wii 1. 2. 3. 4.	bark 75 25 ndbre 75 75 00	s, showy 15.00 20.00 eak—goo 15.00 25.00 28.00 35.00 resque pa	en. ' catki d folia	ins. age.
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*lenta. *lutea. *papyrife	b 3 Sweet 4 6 Yelld 4 6 8 10 era. 4 6 8 10	to t	hes. 4 rch. 6 8 Birch 6 8 10 12 0er o 6 8 10 12 8 10 12 8 10 18 10 18 10 18 10 18 10 18 10 18 10 18 10 18 10 18 10 18 10 18 18 10 18 18 18 18 18 18 18 18 18 18 18 18 18	Pictur ft	o' Sm -70' N -70' N	ooth re Makes f h. 40'	ooking 5. eddish 1. 2. iiine wiii 2. 3. 450' I 2. 3. 5. 5. iin poo	law 000 bark 75 75 225 and bree 75 75 000 000 Pictur 75 225 50 000 or dry 550	15.00 20.00 28.00 25.00 25.00 28.00 35.00 16.00 20.00 30.00 45.00 y soil. W	catki d folia	ins. age. ark.
*lenta. *lutea. *papyrife	b 3 Swee 4 6 Yelld 4 6 8 10 era. 4 6 8 10 blia. 4 6 8 radi	to t	hes. 4 rch. 6 8 Birch 6 8 10 12 per or 6 8 10 12 y Bir 6 8 10 5. T	Pictur ft	o' Sm -70' N -70' N -70' Since Birch	ooth re Makes f h. 40'	ooking 5. eddish 1. 2. (iine win 2. 3. 4. 450' I 2. 3. 5. (s in pook 2. 3. 3. 4. 4. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	law 000 bark 75 25 mdbre 75 75 00 00 Pictu 75 50 00 or dry 50 00 25 00 00 Large	15.00 20.00 28.00 25.00 28.00 35.00 28.00 35.00 resque pa 16.00 20.00 45.00 y soil. W 13.00 28.00 28.00 28.00	catki d folia d folia trum	ins. age. ark.
*lenta. *lutea. *papyrife *populife	b 3 Swee 4 6 Yelld 4 6 8 10 cra. 4 6 8 10 blia. 4 6 8 radi	to t	hes. 4 rch. 6 8 Birch 6 8 10 12 per or 6 8 10 12 y Bir 6 8 10	Pictur ft 50'-6 ft f	o' Sm -70' N -70' N -70' Si -7	ooth real and one of the second of the secon	ooking 5. eddish 1. 2. iine win 2. 3. 450' I 2. 3. 5. 5. in pool 2. 3. 3. 4. 1. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	law 000 bark 75 25 ndbre 75 75 00 00 Pictu 75 50 00 or dry 550 00 25 00 Large ly	15.00 20.00 28.00 25.00 28.00 35.00 28.00 35.00 resque pa 16.00 20.00 45.00 y soil. W 13.00 28.00 28.00 28.00 28.00	catki d folia d folia trum it clin	ins. ark. ark.
*lenta. *lutea. *papyrife *populife	b 3 Sweet 4 6 6 Yelld 4 6 8 10 era. 4 6 8 10 blia. 4 6 8	to t	hes. 4 rch. 6 8 Birch 6 8 10 12 per o 6 8 10 12 y Bir 6 8 10 12 y Bir 6 8 10 10 10 10 10 10 10 10 10 10 10 10 10	Pictur ft 50'-6 ft	or Sm or Sm or Sm or Property of Sm or V-40' Sm or Vine.	ooth re Makes f h. 40' Succeeds . 20'- nd oran	ooking 5. eddish 1. 2. iine wii 2. 3. 450' I 2. 3. 5. 5. sin poo	law 000 bark 75 75 75 000 00 Pictu 75 25 50 00 or dry 50 25 00 25 00 Large ly 50	15.00 20.00 28.00 25.00 25.00 28.00 35.00 28.00 35.00 45.00 45.00 20.00 20.00 20.00 20.00 20.00 30.00 20.00 20.00 20.00 20.00 30.00 20.00 20.00 45.00 20.00 20.00	catki d folia d folia trum it clin 30	ins. ark. ark. pet hbs. 0.00
*lenta. *lutea. *papyrife *populife	b 3 Sweet 4 6 Yellot 4 6 8 10 era. 4 6 8 10 blia. 4 6 8 radi si 2 3	to t	hes. 4 rch. 6 8 Birch 6 8 10 12 per o 6 8 10 12 y Bir 6 8 10 10 12 het flo	Pictur ft	o' Sm -70' N -70' N -70' Si -7	ooth re Makes f h. 40' Succeeds	ooking 5. eddish 1. 2. iine wii 2. 3. 450' I 2. 3. 5. 5. sin pool 2. 3. 3. 4. 1. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	law 000 bark 75 75 75 000 00 Pictur 75 225 50 00 or dry 50 225 00 Large	15.00 20.00 28.00 25.00 28.00 35.00 28.00 35.00 resque pa 16.00 20.00 45.00 y soil. W 13.00 28.00 28.00 28.00 28.00 28.00 28.00	catking catkin	ins. ark. ark.
*lenta. *lutea. *papyrife *populife	b 3 Sweet 4 6 Yellot 4 6 8 10 era. 4 6 8 10 blia. 4 6 8 radi si 2 3	to t	hes. 4 rch. 6 8 Birch 6 8 10 12 per o 6 8 10 12 y Bir 6 8 10 10 12 het flo	Pictur ft	o' Sm -70' N -70' N -70' Si -7	ooth re Makes f h. 40' Succeeds	ooking 5. eddish 1. 2. iine wii 2. 3. 450' I 2. 3. 5. 5. sin pool 2. 3. 3. 4. 1. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	law 000 bark 75 75 75 000 00 Pictur 75 225 50 00 or dry 50 225 00 Large	15.00 20.00 28.00 25.00 25.00 28.00 35.00 28.00 35.00 45.00 45.00 20.00 20.00 20.00 20.00 20.00 30.00 20.00 20.00 20.00 20.00 30.00 20.00 20.00 45.00 20.00 20.00	catking catkin	ins. ark. ark. pet hbs. 0.00
*lenta. *lutea. *papyrife *populife	b 3 Sweet 4 6 Yellot 4 6 8 10 era. 4 6 8 10 blia. 4 6 8 radi si 2 3	to t	hes. 4 rch. 6 8 Birch 6 8 10 12 per 0 6 8 10 12 y Bin 6 8 10 12 td flo	Pictur ft	or Sm	ooth re Makes f h. 40' Succeeds	ooking 5. eddish 1. 2. line win 2. 3. 450′ I 1. 2. 3. 5. s in pool 2. 3. 3. 5. linge, Juli	law 000 bark 75 75 75 000 00 Pictur 75 225 50 00 or dry 50 225 00 Large	15.00 20.00 28.00 25.00 28.00 35.00 28.00 35.00 resque pa 16.00 20.00 45.00 y soil. W 13.00 28.00 28.00 28.00 28.00 28.00 28.00	catking catkin	ins. ark. ark. pet hbs. 0.00

	DECIDUOUS TREES, SHRUBS AND VINES 9
	Each Per 10 Per 100
BIGNONIA	grandiflora Madame Gallen. 15'-20' A marked improvement
	on preceding. Has larger flowers of deeper coloring. 1 yr
	2 yr
BIOTA. See	e Evergreens, page 57.
DUDDLEIA	veitchiana. Butterfly Bush. 5'-6' Very effective with gray- green foliage and deep lilac flows. Likes sun. June-Sept. 1½ to 2 ft
	1½ to 2 ft .35 3.00 20.00 2 to 3 ft .50 4.00 30.00 3 to 4 ft .75 6.00 50.00
nanh	oensis. 3'-4' New. Dwarf, compact, flowers similar to type.
	2 yr 1.00 8.00 60.00
	e Evergreens, page 42.
CALLICARE	PA japonica. Japanese Beautyberry. 3'-4' Pink flowers, violet fruits. Foliage gives a pleasing feathery effect.
	2 yr
purpurea	August with its violet-lilac berries. Graceful branching habit.
	1½ to 2 ft
	1½ to 2 ft .60 5.00 40.00 2 to 3 ft .75 6.00 50.00 3 to 4 ft 1.00 8.00 60.00
CALLUNA.	See Evergreens, page 42.
CALYCANT	HUS floridus. Common Sweet Shrub. 4'-5' Reddish-brown
	flowers, June-Sept. Spicy fragrance, good deep green foliage.
	1½ to 2 ft
CADAGANA	
CARAGANA	A arborescens. Siberian Peatree. 10'-12' Yellow pea-shaped flowers, May-June. Does best in an open well-drained place.
	2 to 3 ft
	3 to 4 ft
CARPINUS	caroliniana (americana). American Hornbeam. 30'-40'
	Closely resembles the beech—smooth blue-gray bark. Spring.
	$1\frac{1}{2}$ to 2 ft
CARYOPTE	RIS incana (mastacantha). <i>Bluebeard</i> . 2'-3' Lavender-blue flowers, SeptOct. Splendid for massing. Requires protection.
	12 to 15 in
CATALPA	bungei. Umbrella Catalpa. 10' 15' For formal planting.
	Light Heads
	Medium Heads
	First Class Heads
	X Large Heads
	XXX Specimens2½ in. stems 6.00
speciosa	Western Catalpa. 30'-35' Large light green leaves, showy
speciosa.	white flowers followed by long seed pods. Interesting tree.
	6 to 8 ft
OD A MOZDITI	
CLANUIHU go	S americanus. Jersey Tea. 3'-4' White flowers, June; especially god for dry spots or along the border of woodland planting.
6-	12 to 18 in
	1½ to 2 ft

TO DECIDUOUS TREES, STRUBS AND VINES
Each Per 10 Per 100 CELASTRUS orbiculatus (articulatus.) Oriental Bittersweet. 15'–20' Has decorative orange and crimson berries which last all winter.
2 yr
scandens. American Bittersweet. 20'-25' Most adaptable vine with
orange and red berries that retain color when cut and dried.
2 yr
CEPHALANTHUS occidentalis. Button Bush. 5'-6' Round heads of creamy-white flowers, July-Sept. Good foliage, likes moisture.
2 to 3 ft
CERASUS. See PRUNUS, page 25.
*CERCIDIPHYLLUM japonicum. Katsura Tree. 60'-80' Develops into a magnificent tree. Beautiful spring and autumn coloring.
4 to 5 ft
6 to 8 ft 4.00
CERCIS canadensis. American Redbud. 12'-15' Rosy-pink, April. Very
effective when planted with white dogwood. Good foliage.
2 to 3 ft
3 to 4 ft
5 to 6 ft
chinensis (japonica). Chinese Redbud. 10'–12' Flowers larger and darker than above—best in rather moist soil. Good foliage.
1½ to 2 ft
1½ to 2 ft85 7.00 60.00 2 to 3 ft. 1.00 9.00 80.00 3 ft. 1.35 12.00
CHAMAEDAPHNE. See Evergreens, page 42.
CHIONANTHUS virginica. White Fringe. 15'-18' Fragrant tassel-like
white flowers, May-June. Blue-black plum-like fruits follow.
2 to 3 ft
3 to 4 ft
CLADRASTIS lutea. Yellow-wood. 30'-40' Fragrant white flowers, June. 3 to 4 ft
CLEMATIS jackmanni. Jackman Clematis. 10'-15' Large deep purple flowers. A popular attractive vine, useful for covering lattice.
2 yr 1.00 8.00
montana rubens, Pink Anemone Clematis. 15'-20' A free-growing
vine which during the spring months is almost covered with a blanket of small delicate pink flowers. Beautiful and hardy.
2 yr
paniculata. Sweet Autumn Clematis. 20'-30' White fragrant flowers, Sept. Woolly seed pods also attractive. Useful rampant vine.
2 yr
2 yr
CLETHRA alnifolia. Summer Sweet. 4'-5' Spikes of fragrant flowers,
July-Sept. Prefers moist shady places—good for massing. 1½ to 2 ft
2 to 2½ ft
2/2 10 3 11 1.00 7.00

DEÇID	UOUS	TREES, SHRUBS AN	D VINE	S	11
				Per 10 P	
Au	g. Usefi	Bladder Senna. 8'-10 ul for dry places—inflate	d seed po	ds often c	, June~ olored.
3 t	o 3 o 4 o 5	ft ft	.50 .75 1.00	4.00 6.00	
CORNUS alba (s	iberica.	Coral Dogwood.	8′=10′ .E r, useful !	right red for winter	bark. effect.
	0 3	ft ft	.50	3.00 4.00	20.00
4 t	0 5	ft ftverblotch Dogwood. 5	1.00	8.00	40.00
and	green	leaves and reddish bas	rk. Goo	d shrubby	habit.
$1\frac{1}{2}$ to	0 2	ft	.50	4.00	
2 t	0 3	ftft	1.00	8.00	
	paeth L	ogwood. 6'-8' Large	leaves n	nargined y	ellow.
3 to		ft			
hor	izontal t	Dogwood. 15'-18' B iers making deep shadov	v effects.	Blue-black	regular k fruit.
3 to		ftft		9.00	
amomum (seri	cea.) S	Silky Dogwood. 8'–9' e. Prefers moist places, h	Pale blu	e fruits—y v white fl	oung
$1\frac{1}{2}$ to	2	ft	.35	3.00	20.00
		ftft			30.00 50.00
*florida. Whi	te Flou	vering Dogwood. 15'- g flowering small trees-	25' Am	ong the b	est of
2 to	3	ft	1.35		
3 to 4 to	5	ft	1.50 2.00		
*- rubra. Red	l Flowe	ring Dogwood. 15'-2	0' The p	oink flowe	ers are
		ent than the white. Berr	5.00	I to white	type.
3 to	$3\frac{1}{2}$	ft	6.50		
		£.	7.50 8.00		
$4\frac{1}{2}$ to	5	ft!	10.00		
kousa. Kousa	Dogwe	ood. 16'–18' Large wherry-like scarlet fruits, a	ite flowe		
2 to	3	ftft		o biras	scarce.
		gwood. 10'-12' Nume			
1 ½ to	~	owed by white fruits on ft	.50	4.00	30.00
2 to 3 to		ft ft	.60 .80	5.00 7.00	40.00 60.00
3 to 4 to	_	ft	1.00	8.00	70.00
sanguinea. Pi	irple or	Red Branch Dogwood	. 12' I	Blood-red	twigs.
2 to 3 to		ft	.50 .60	4.00	30.00
4 to		ft	1.00	5.00 8.00	40.00

12 DECIDUOUS TREES, SHRUBS AND VINES
Each Per 10 Per 100
CORNUS stolonifera. Red Osier Dogwood. 7'-8' Spreading habit, red
bark white fruits. Grows vigorously, very adaptable.
2 to 3 ft
4 to 5 ft 1.00 8.00
 lutea. Golden Bark Dogwood. 6'-7' Distinct yellow bark. Very effective in winter when planted with the preceding.
1½ to 2 ft
2 to 3 ft60 5.00 40.00
3 to 4 ft
COTONEASTER acutifolia. Pekin Cotoneaster. 8'-10' Slender spread-
ing branches; black fruits. Very hardy; good hedge plant.
2 ft
foveolata. 8'-10' Vigorous spreading shrub. Large leaves turn orange
and scarlet before they fall. Black fruits.
2" pots
For other COTONEASTER see Evergreens, page 42.
*CRATAEGUS coccinea. Thicket Hawthorn. 10'-12' Shrubby habit,
long curved spines, oval shaped shiny leaves. Large white flowers, dull red fruits, makes good hedge or single specimen.
3 to 4 ft
4 to 5 ft
6 to 8 ft
*cordata. Washington Hawthorn. 15'-20' Berries are small, bright
red and persist nearly all winter. Brilliant autumn foliage. 3 to 4 ft
*crusgalli. Cockspur Thorn. 15' Deep green shiny leaved distinctive hawthorn. Conspicuous white flowers, red fruits. Long thorns.
2 to 3 ft
3 to 4 ft
4 to 5 ft
*mollis. Downy Hawthorn. 15' Vigorous; large leaves, red berries. 3 to 4 ft
3 to 4 ft
5 to 6 ft
6 to 8 ft 4.00 35.00
*oxycantha (Monogyna.) English Hawthorn. 12'-15' Single white. 2 to 3 ft 1.00
- *Double Pink or Double White. This is the English May Tree.
3 to 4 ft 2.25
4 to 5 ft
*Paul's Scarlet. 12'-15' Very double scarlet flowers freely produced.
3 to 4 ft
4 to 5 ft
CYDONIA japonica. Flowering Quince. 4'-5' Scarlet flowers in April.
$1\frac{1}{6}$ to 2 ft .60 5.00
2^{2} to $2\frac{1}{2}$ ft
2½ of 3 ft
CYTISUS scoparius. Scotch Broom. 4'-5' Thin green branches, yellow flowers. June Succeeds and looks well on rocky banks
low flowers, June. Succeeds and looks well on rocky banks.

DAPHNE See Evergreens, page 43. DESMODIUM See LESPEDEZA, page 18.	
DEUTZIA gracilis. Slender Dentzia. 3' Profuse bloomer, pure white, May. Each Per 10 Per 100	
Each Per 10 Per 100	
12 to 15 in	
15 to 18 in75 6.00 50.00	
1½ to 2 ft	
lemoinei. Lemoine Deutzia. 4'-5' Large white flowers, June, graceful. 1 to 1½ ft	
1 to 1½ tt	
2 to 3 ft	
3 to 4 ft 1.00 9.00	
magnifica. 6'-8' Large tassel·like flowers, June. Vigorous grower.	
2 to 3 ft	
parviflora. Mongolian Deutzia. 4'-5' Erect habit. White with pink	
markings. Very free flowering—June. Attractive and useful.	
1½ to 2 ft	
scabra candidissima. Snowflake Deutzia. 9'-10' Graceful habit,	
double white, June. Grows vigorously—one of the best.	
3 to 4 ft	
2 to 3 ft	
erenata fl. pl. Double Pink Deutzia. 6'-8' White, tinged pink.	
2 to 3 ft	
3 to 4 ft	
2 to 3 ft	
3 to 4 ft	
4 to 5 ft	
vilmorinae. Vilmorin Deutzia. 4'-5' Graceful spreading habit—	
white flowers in loose clusters. May-June. Rather scarce. 2 to 3 ft	
2 to 3 ft	
DIERVILLA sessilifolia (lutea). Southern Bush Honeysuckle. 4'-5'	
Yellow, more vigorous and free blooming than following variety. The young branchlets are square. June-July.	
2 to 3 ft .60 5.00 40.00	
3 to 4 ft	
trifida. Dwarf Bush Honevsuckle, 3' Yellow, June-July. A good	
trifida. Dwarf Bush Honeysuckle. 3' Yellow, June-July. A good low shrub for shady places. Branchlets are round, no ridges. 1½ to 2 ft	
DIOSPYROS virginiana. Persimmon. 25'-30' Handsome shiny foliage.	
4 to 5 ft	
ELAEAGNUS angustifolia. Russian Olive. 15'-18' Silver-gray leaves and branchlets, orange berries. Good for massing—prefers sun.	
3 to 4 ft	
4 to 5 ft 1.00 8.00	
5 to 6 ft	
longipes. Cherry Eleagnus. 6'-8' Silvery leaves, fragrant yellow flowers; May. Large red berries, July. Good for limestone.	
1½ to 2 ft	
2 (0 3 11 1.00 8.00	

TI DEGIDOGO TREES, STIROBS II		D 10	D 100
ELAEAGNUS umbellata. Autumn Eleagnus.		Spreadi	Per 100 ng habit.
2 to 3 ft	1.00	9.00	
EPIGAEA repens. See Evergreens, page 43.			
Warm crimson autumn coloring, n	nakes fin		n shrub.
1½ to 2 ft 2 to 2½ ft	1.00 1.25	9.00 12.00	80.00
$2\frac{10}{2}$ to 3 ft	1.50	14.00	130.00
3 ft	1.75	16.00	150.00
americanus. Brook Euonymus. 7'-8' Pink	fruits, pr	efers moi	st places.
$1\frac{1}{2}$ to 2 ft	.60	5.00	
2 to 3 ft	.75 1.00	6.00 8.00	
			7771
bungeanus. Winter Euonymus. 12'–14' (attractive orange and white seed po	ods persis	st for a lo	
2 to 3 ft	.50 .75	4.00 6.00	
3 to 4 ft 4 to 5 ft	1.00	8.00	
europaeus. European Burning Bush. 12'-1			en bark.
2 to 3 ft		5.00	
3 to 4 ft	.75	6.00	
For Evergreen EUONYMUS see page 43.			
EXOCHORDA grandiflora. Pearl Bush. 6'-9'	Dazzli	ng white	flowers.
May. Is improved by annual pru	ning pr .75	6.00	50.00
3 to 4 ft	1.00	8.00	70.00
4 to 5 ft	1.25	10.00	90.00
*FAGUS americana. American Beech. 80'-96		planted in	n spring.
$1\frac{1}{2}$ to 2 ft	2.00		
2 to 3 ft	2.50		
*sylvatica. English Beech. 70'-80' Grows slo	2.00	ie iawn s	pecimen.
2 to 3 ft	2.50		
FIR. See ABIES, page 41.			
FORSYTHIA intermedia. Border Golden Be	11. 6'-8	' Bright	yellow
flowers in April before leaves unfo	ld—prof	use and b	
2 to 3 ft	.60 .75	5.00 6.00	40.00 50.00
3 to 4 ft	1.00	6.00	30.00
— spectabilis. Showy Border Golden Bell. all, with large rich golden yellow fl	6'-8'	Most pro	
2 to 3 ft	.75	6.00	
3 to 4 ft	1.00	8.00	
suspensa. Weeping Golden Bell. 4'-6' excellent for massing, banks, or ha	Graceful nging ov	l droopin er retainin	g habit, ng walls.
2 to 3 ft	.70	6.00	50.00
3 to 4 ft	.80 1.00	7.00 9.00	60.00
4 to 5 ft			ranches
2 to 3 ft	.60	5.00	40.00
3 to 4 ft	.75	6.00	50.00
viridissima. Green Stem Forsythia. 7'-8' M			
$1\frac{1}{2}$ to 2 ft	.50	4.00	30.00
2 to 3 ft	.60 .75	5.00 6.00	40.00 50.00
J 10 1 11	., 5	0.00	50.00

DECIDUOUS TREES, SHRUBS AND VINES 1.5 Each Per 10 Per 100 FRAXINUS americana. White Ash. 70'-80' Fairly rapid grower. Assumes pleasing golden tones in autumn. Good in moist and lime soils. Makes a splendid street tree with a clean straight trunk. 6 100.00 8 160.00 200.00 GAULTHERIA procumbens. See Evergreens, page 44. GENISTA tinctoria. Woadwaxen. 3' Yellow pea shaped flowers, June. 1½ to 2 ft..... .75 6.00 to 2½ ft..... 1.00 8.00 GINKGO biloba. (SALISBURIA). Maidenhair Tree. 50'-75' Picturesque, interesting, quite distinct. Leaves shaped like maidenhair fern. Immune from insects-thrives under city conditions. 6 ft..... 3.00 8 to 10 ft... 8 to 10 ft., 1¼ to 1½ in. 10 to 12 ft., 1½ to 1¾ in. 10 to 12 ft., 1¾ to 2 in. 4.00 5.00 6.00 8.00 GLEDITSIA triacanthos. Honey Locust. 60'-70' Thorny tree with fragrant white flowers in May. Good for gravelly soil. 3 1.00 8.00 70.00 to 4 ft..... 4 to 6 ft 1.25 10.00 90.00 to 8 ft.....to 10 ft.... 1.50 6 2.00 GYMNOCLADUS dioica. Kentucky Coffee Tree. 40'-50' foliage, picturesque outline. 3 to 4 ft..... 1.50 12.00 ft..... 2.00 18.00 HALESIA tetraptera. Great Silver Bell. 12'-15' Snow-white bell-shaped flowers in May profusely borne on branchlets—can be grown as single specimen or massed. Decorative brown winged fruits. 7.00 9.00 60.00 3 80.00 4 to 5 ft 1.25 11.00 100.00 1.50 5 to 6 ft..... 13.00 120.00 2.00 to 8 ft 18.00 HAMAMELIS virginiana. Witch Hazel. 10'-12' Yellow, ribbon-like flowers, Oct.-Nov. Good foliage, best in moist half-shade. 6.00 9.00 1½ to 2 50.00
 ft
 1.00

 ft
 1.50

 ft
 1.75
 to 3 80.00 2 3 12.00 to 4 4 to 5 16.00 HEDERA. See Evergreens, page 44. HIBISCUS syriacus (ALTHEA). Rose of Sharon. 10'-12' Rather formal in outline, flowering in August. Compact upright habit. Red, White, Purple, Pink, Single and Double. 4.00 3 6.00 4 to 5 ft..... 1.00 9.00 variegata. Variegated Rose of Sharon. 6'-8' Leaves striped yellow. 6.00 8.00 2½ to 3 ft.... 1.25 10.00 HYDRANGEA arborescens. Smooth Hydrangea. 4'-5' White, June-July.

to 4 ft.....

5.00

6.00

.75

40.00

50.00

16	DECIDUOUS TREES, SHRUBS AND VINES
	Each Per 10 Per 100
HYDRANG	EA arborescens grandiflora. Snow Hill Hydrangea. 4'-5' Large heads, pure white. Best when pruned severly each year.
	1½ to 2 ft
	2 to 3 ft
	3 to 4 ft 1.25 10.00 90.00
radiata	(nivea). Silver Leaf Hydrangea. 4'-5' Leaves white underneath, attractive fresh green above. Flowers white, June-July.
	3 to 4 ft 1.00 8.00
panicul	ata. Panicle Hydrangea. 8'-9' Large loose panicles of white flowers, August. A graceful, desirable shrub, best in mass.
	2 to 3 ft
gran	diflora. Peegee. 8'-9' Very showy blooms, August-Sept.
8.44	12 to 18 in 50 400 3000
	1½ to 2 ft
	2 to 3 ft
	3 to 4 ft 1.25 10.00
	1½ to 2 ft
S	STANDARD TREE FORM. Flowers similar to bush form.
	First class, 3 to 4 ft 1.50 13.00 120.00
	Extra, 4 to 5 ft 2.00 18.00 160.00
	ris (scandens). Climbing Hydrangea. 30'-40' A hardy self-
:6	the Schizophragma the flowers have only one large sepal. 2 yr
quercit	olia. Oak Leaf Hydrangea. 3'-4' Large leaves shaped like an oak leaf. Splendid autumn coloring—succeeds in shade. 1½ to 2 ft
	1½ to 2 ft
HYPERICU	JM arnoldiana. Arnold St. Johnswort. 3'-4' Yellow, July.
	2 to 2½ ft 1.00 8.00
aureun	n. Golden St. Johnswort. 3'-4' Yellow, July-Aug. Blue- green foliage, dense habit, good for margin of shrubbery.
	$1\frac{1}{2}$ to 2 ft
	1½ to 2 ft .60 5.00 2 to 2½ ft .75 6.00 2½ to 3 ft 1.00 9.00
buckle	yi. Dwarf St. Johnswort. 1' Good for border & rock work, yellow. 3 in. pot
densifle	orum. 4'-5' Bright yellow, July-Sept. Very free flowering.
	1½ to 2 ft
kalmia	num. Kalm St. Johnswort. 4'-5' Blue-green leaves glaucous
	underside. Withstands drought and shade. July–Sept, yellow.
	$\frac{1}{2}$ to 2 ft
	2½ to 3 ft
moseri	anum. Gold Flower. 2' Large yellow flowers, July-August.
	Dainty half-herbaceous splendid mass plant, needs protection.
	12 in
	1.5 111

	DLC	1000		11(1111),	BITTODE				1 /
HYPERICUI	М ра	tulun	n gra	ndifloru	m. 2½′	Unu	sual f	Per 10 lowers, Ju	uly-Aug.
	12 15	in in				-	.60 .75	5.00 6.00	50.00
- henry	vi. F	Henry	Hyp	ericum.	$2\frac{1}{2}'-3'$	Larg	e flow	ers, July-	-Aug.
	12	in							40.00 50.00
ILEX verticil	in	g to n	nid-w	nter. N	Jot eaten	by b	irds—	red berrie prefers m	es persist- noist soil.
	15 1½ 2	to 1 to 2 to 2	18 in 2 ft 2½ ft		· · · · · · · · · · · · · · · · · · ·	. 1	.60 .75 .00	5.00 6.00 8.00	40.00
For other	er ILl	EX se	e pag	e 44.					
ITEA virgini	Ca.	Swaa	tenira	3'_1'	Spikes of	f fragr	ant w	hita flow	are July
ITEA virgini	G.	ood fo	or lów	swamp	v places	-brillia	nt aut	umn colo	ring.
	1½ 2	to 2	? ft				.60 .75	5.00 6.00	40.00
JASMINUM									
JASHINOM	1 ⁵ 1 ½	to 1	8 in					4.00 5.00	
JUNIPERUS	. Se	e Eve	rgreer	s, pages	44 - 48.				
KALMIA. S	See E	vergre	ens. r	nage 48.					
KERRIA jap			-		a 1' 5'	C-1	d	-11 I	C
KEKKIA Jap	G	reen b	oranch	es usefu	l for wint	er effe	cts.	Graceful	habit.
	2	to 2	. It			. 1	./3	8.00	70.00
	21/2	to 3	ft.			. 1	.25	10.00	90.00
- flore	plen	o. I werir	Doubli ng fori	e Japar m. Stron	iese Keri iger growi	ria. th and	4'−5' bloon	Desirabl ns more p	e double
	1 1/2	to 2	ft.				.75	6.00	50.00
	2	to 3	t t			. 1	.00	9.00	80.00 100.00
	3	10 4	: 11			. 1	.23	11.00	
varie					. 4'-5' Fo				
KOELREUT	tlc	wers	in Jul	y—a val	uable sma	ll tree	of irre	Has brigh egular out	it yellow tline.
	3	to 4	ft.			. 1	.00	9.00	
	4 5	to 5)			. I	.25 .50	11.00	
		to 7	ft			. 2	.00		
LABURNUM	1 vul	gare.	Gol	den Cha		25′ H	andso	me golde n protecte	n yellow d places.
	2 3	to 3 to 4	ft ft.			. 1	.00 .25	9.00 11.00	80.00
LARIX euro	paea. eff	Eu Eu	ropea Gro	n Larcl ws rapid	1. 50'-60 ly into a	o' Es symr	peciall netrica	y good fo il pyrami	or spring dal tree.
	3	to 4			8		.00		
laricina.	Am	ierica	n Lar	ch or T	amarack.	. 40'-	60' G	ood for w	et places.
	3				8	. 1	.50		
	4				8		.00		
leptolepi	is (ka	empf	eri).	Japanes	e Larch.	50'-6	50' H	as long so	oft leaves
			briot	t viol1					
	tui	rning	brigh	t yellow	in autur	mn.	A hai		
	tui	rning	brigh ft.	t yellow B. & E B. & F	in autur	mn.	A hai		
	tui	rning	brigh ft. ft. ft.	yellow B. & E B. & E B. & E		mn.	A hai		

18 DECIDUOUS TREES, SHRUBS AND VINES	
LEIOPHYLLUM. See Evergreens, page 48. Each Per 10 Per 100)
LESPEDEZA bicolor. Bush Clover. 5'-6' Rose and white flower, July- Aug. Slender graceful shrub—attractive clover-like foliage	-
	•
2 to 3 ft	
formosa (Desmodium penduliflorum). Purple Bush Clover. 3'–4 Rosy purple flower conspicuous in Sept. Attractive shrub	١.
1 yr	_
albiflora. Japanese Bush Clover. 3' White flowers, similar to type	
1 yr	•
2 yr 1.00 9.00	
LEUCOTHOE. See Evergreens, page 48.	
LIGUSTRUM amurense. Amur Privet. 14'-15' Half-evergreen, very hardy	· .
1½ to 2 ft	
2 to 3 ft	
2 to 3 ft	
ibota. Ibota Privet. 9'-10' Good dense habit, flowers and fruits freely	· ·
Decorative black berries—very hardy. Retains leaves late $1\frac{1}{2}$ to 2 ft	
1 ½ to 2 ft	
 regelianum. True Spreading Regal Privet. 5'-6' Makes a splending low dense hedge—good in shrubbery or evergreen plantings. 	d
Unusually bushy stock.	,
$1\frac{1}{2}$ to 2 ft	
2 to 2½ ft	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
Lodense. Dwarf Privet. 2½' Compact dwarf form for hedgings	S.
6 to 12 in 2.00	
12 to 15 in	
lucidum. Glossy Privet. 6'-8' Glossy leaves, almost evergreen. Tender	۲.
9 to 12 in	
ovalifolium. California Privet. 9'-10' Most popular hedge plan	t.
This is nice bushy stock. Per 10 Per 100 Per 100	
12 to 18 in	
1½ to 2 ft	
3 to 4 ft	
4 to 5 ft 4.00 25.00	
- GLOBE FORM-Sheared Lodense Privet. Each Per 10 Per 10	0
15 in. diam., B. & B 1.50 12.00	
18 in. diam., B. & B 2.00 16.00	
— PYRAMIDAL FORM—Sheared California. Well shaped specimen	s.
2 ft. B. & B	
2½ ft. B. & B 2.50 20.00 3 ft. B. & B 3.00 25.00	
- STANDARD, TREE FORM—Sheared round heads, straight stem:	S.
2 yr., 12 in. head, first class 2.00 18.00 150.0 3 yr., 15 in. head, extra 2.50 22.00 200.00	0
2 3.1, 12 1.1.2, 1.1.2	

	DECIDUOU:	S TREES, SHRUBS	AND VINES	5 19
			Each Pe	er 10 Per 100
LIGUSTRUM	ovalifolium	n aureum. Golden I	Privet. 8'-9'	Grows rather
	slowly—go	ood color. This is a	particularly fin-	
	12 to 15 15 to 18	in	.60 5	5.00 4 3.00 5.00 5 3.00
	1½ to 2	ft		5.00 5).00 9.00 8 J.00
	, =	Privet. 10'–12' Crea		
	2 to 3	ft	50 4	1.00 33.00
3	3 to 4	ft		5.00
LINDERA.	See Benzoin,	page 7.		
*LIQUIDAME	BAR styracii	flua. Sweet Gum.	50'-60' One o	f the best trees
·	for autumr transplants	n color Has corky to best in early spring. Fine shapely specime	oark and star-sl Succeeds in s	naped leaves—
	4 to 5	ft	3.00 25	5.00
	5 to 6 6 to 8	ftft	4.00 35 5.00 45	5.00 5.00
	8 to 10	ft	6.00 55	5.00
1	10 ft		7.50 70	0.00
*LIRIODEND	The yellow	fera. Tulip Tree. v tulip-like flowers are leaves clear yellow in	e produced in	June—peculiar
4	4 10 6	ft	1.50 14	1.00
	6 to 8 8 to 10	ft		2.00
		ft		
1	glaucous by $1\frac{1}{2}$ to 2	utch Woodbine. 12'- eneath. Fragrant cre	eamy flowers, p .50 4	ourple outside. 1.00
_	- 10 0	ft		5.00
		Bell Honeysuckle.		l.00 30.00
	2 to 3 3 to 4	ft		5.00 50.00
4	4 to 5	ft	1.00 8	3.00
5	5 to 6	ft	1.25 10	0.00
fragrantis	sima. Win	ter Honeysuckle. 6'	-8' Fragrant	white flower,
		. Half-evergreen—gr	raceful semi-d	
	2 to 3 3 to 4	ft ft		5.00 40.00 5.00 50.00
	4 to 5	ft		0.00
japonica (). Japanese Honeys g banks. Almost everg		
2	2 yr		.50 4	1.00 30.00
	3 yr		./3	5.00 40.00
	vine, bloon	apanese Honeysuckle ns freely, deliciously f	fragrant. Alm	quick-growing ost evergreen.
heckrotti.	. Everbloor outside, y	ming Honeysuckle. Tellow inside, July–Se	pt. Very free	ers purple-rose flowering.
3				5.00 50.00 3.00
	leaves, deli	. Blueleaf Honeysuc cate pink flowers, Jun	ie. Bright red	fruits in Aug.
	1½ to 2 2 to 2½	ftft	.75 1.00	9.00 9.00

DECIDOOUS TREES, STRUBS A	IND VII	NES	
		Per 10	
LONICERA maacki. Amur Honeysuckle. 8'-9' Small scarlet berries persisting until	mid-wir	hite flow nter. Loo	se habit.
2 to 3 ft 3 to 4 ft	.60 .75	5.00 6.00	40.00 50.00
4 to 5 ft	1.00	9.00	30.00
 podocarpa. Late Honeysuckle. 8'-9' better fruit than preceding, holds le 	Smaller eaves long	pinkish ger. Vig	
2 to 3 ft	.60	5.00	40.00
	.75	6.00	50.00
morrowi. Morrow Honeysuckle. 7–8' Spr June. Red fruits, good bluish-gree We also have an upright form	n foliage	. Most o	desirable.
1½ to 2 ft		-same pr 4.00	30.00
2 to 3 ft	.60	5.00	40.00
3 to 4 ft	.75 1.00	6.00 8.00	50.00
4 to 5 ftpileata. See Evergreens, page 48.	1.00	0.00	
punicea. Blooms freely, June. Almost everg	reen, flo	wers scarl	et inside.
2 yr		5.00	40.00
3 yr	.75	6.00	50.00
reticulata aurea. Japanese Golden Hone			Leaves
veined golden yellow—a rampant	growing .50	4.00	30.00
ruprechtiana. Manchurian Honeysuckle.			
flowers, June. Berries red, sometim			
2 to 3 ft		4.00	
3 to 4 ft 4 to 5 ft	.75 1.00	6.00 8.00	
sempervirens. Trumpet Honeysuckle. 15'-	-20' Bri	ght scarle	t showy
flowers, July-Sept. A quick-grow	ing vine.		
2 yr		6.00	C
spinosa alberti. Albert Honeysuckle. 2' F May–June. Bluish-green leaves, re	ose-pink d berries	tragrant Very a	ttractive.
15 to 18 in	.75	6.00	
$1\frac{1}{2}$ to 2 ft	1.00	8.00	
standishi. Standish Honeysuckle. 4'-5' April. Scarlet fruits, foliage persis	ts; wide :	spreading	flowers, habit.
1½ to 2 ft 2 to 3 ft	.60 .75	5.00 6.00	
syringantha. Lilac Honeysuckle. 3'–5' A shrub with small bluish leaves and	Attractive fragrant	slender l	oranched flowers
in June, followed by red fruits in A	August.	A good	addition.
$\frac{1}{2}$ to $\frac{2}{5}$ ft	.75 1.00	6.00 8.00	
- wolfi. Wolf Honeysuckle. 2½'-3' Spre	eading, so	ometimes	procum-
bent habit—smaller leaves, more	profuse	in flowe	ring and
more gracful habit than type. Fra	1.00	8.00	carimie.
tatarica. Tatarian Honeysuckle. (Pink, Flowers and fruit freely produced.			9'-10'
Please state color wante		i aua piab	ie SiliuD.
1½ to 2 ft	.50	4.00	30.00
2 to 3 ft	.60	5.00	40.00
3 to 4 ft 4 to 5 ft	.75 1.00	6.00 8.00	50.00

	DEC.	IDUOU	JS TREES,	SHRUBS	AND V	INES	21
					Each	Per 10	Per 100
LONICERA	Pa	le purpl	le flowers d	ensely bran	ched; eff	ective near	n foliage. rockery.
	$\frac{1}{2}^{\frac{1}{2}}$	to 2	ft		.75	6.00 8.00	
species.			- ievsuckle in	troduced b	v Arnold 4		
	2	to 3	ft		.75	6.00	
LYCIUM ba	_	to 4	ft		1.00		in Ivan
LICIOM D	fol	lowed b	oy bright re	d fruits. I	For banks	or retaini	ng walls.
		to 3	ft ft		.50	4.00	30.00
chinensi		to 4		Vina 1	.60 2′_15′ Via	5.00	40.00
Cilliciisi		to 3	ft	vine. 12	.50	4.00	30.00
	-	to 4	ft		.60	5.00	40.00
MAGNOLIA			Cucumbe wth; large l				
		to 4		eaves, 110v			ik ii dits.
	4.	to 5	†t		2.50	22.00 32.00	
glauca.	5 Sane	to 0 et Rav	ft 15'–20'	Delightfull			owers in
giauca.	Ma	iy, glau	cous leaves	nearly ever	green, pre	fers moist	location.
	1 1/2	to 2	ft., B. &	B	3.00		
macront			ft., B. & If Magnolia			grant crean	a colored
macropi	flo	wers in	spring. U	Inusually la	irge leaves	give tropic	cal effect.
	5	to 6	ft. B. & ft. B. & ft. B. &	В	6.50		
	6 8	to 8	ft. B. &	В	11.00		
soulange	eana.	Sance	er Magnol	ia. 15'-18	B' Large		
	6" 1	nite flov	vers—May.	Best trar	nsplanted 1 4 50	n early spr	ing.
	2	to 3	ft. B. &	В	9.00		
	4 5	to 5	ft. B. & ftft		17.50	to 25.00	
stellata.	Sta	r Magi	ıolia. 8'	10' Spread	ling shrub	by habit,	fragrant
	sei	ni-doul	e white flow	vers, appea	r long bet	fore leaves	appear.
		ery attra	ictive.		2.50	22.00	
trinetala			Magnolia.				flowers.
ti ipetaia			ft. B. &				
					3.00	27.00	
MAHONIA. MALUS arm	See	Evergre	ens, page 4	18. 0' 10' 1	V/hita flan	.org garan	aat babit
MALUS arm		to 4		. 0-10		reis, comp	act Habit.
•	4	to 5	ft	·	2.00		
atrosang			mine Crab				
	3	to 4	ft ft		2.00	13.00	160.00
	5	to 6	ft	· · · · · · · · · · · · · · · · · · ·	2.50	22.00	
baccata.			ab. 15'-1			April—ver	y hardy·
	-	to 5 to 6			1.50 2.00		
coronari			ab. 15'-20)' Fragran	t blush pir	nk flowers	in April.
	3	to 4				10.00 14.00	
	5	to 5				18.00	

DECIDUOUS TREES, SHRUBS A	AND VINES
	Each Per 10 Per 100
MALUS floribunda. Japanese Flowering Crab. with pink buds and white flower	12'-15' Literally covered
3 to 4 ft	1.50 13.00
4 to 5 ft	2.00 18.00
5 to 6 ft	
halliana parkmanni. Parkman Crab. 12'- resembling tiny roses on long stem	-15' Double pink flowers.
resembling tiny roses on long stem	ns. Grows rather slowly.
3 to 4 ft	2.25 20.00
4 to 5 ft	3.00
ioensis plena. Bechtel Crab. 10'-15' Large	double pure pink fragrant
flowers on long stalks. Vigorous	
2 to 3 ft	1.25 10.00 90.00 2.00 18.00 160.00
	2.75 25.00
4 to 5 ft	3.50
niedzwetzkyana. Redvein Crab. 12'-15' branches and fruit—one of the ea	Has red flowers, leaves, rliest to bloom. Distinct.
4 to 5 ft	2.50
prunifolia rinki. Chinese Apple. 12'–15' white flowers.	Large fruits, red or yellow;
4 to 5 ft	2.00
purpurea. Purple Crab. 12'-15' Reddish pur	
3 to 4 ft	1.50 13.00
4 to 5 ft	2.00 18.00
robusta. Cherry Crab. 12'-15' Large wh	ite flowers.early: red fruits.
4 to 5 ft	2.00 18.00
sargenti. Sargent Crab. 5'-6' Pure white —small scarlet fruits hang on almo	e, very compact and dwarf
2 to 3 ft	2.00
3 to 4 ft	3.00
4 to 5 ft	4.00
scheideckeri. Scheidecker Crab. 10'-15' D Large yellow fruits—branches form	n narrow pyramidal heads.
3 to 4 ft	1.50 13.00
4 to 5 ft	2.00 18.00
5 to 6 ft	3.00
sieboldi. Siebold Crab. 15'-18' Pale pink f	
3 to 4 ft	1.50 2.00
4 to 5 ftspectabilis. Showy Crab. 15'-18' Large fr	
	agrant bright pink flowers.
3 to 4 ft 4 to 5 ft	2.50
	te flowers, scarlet fruits.
4 to 5 ft	2.00 18.00
MORUS acidosa. Acid Mulberry. 20'-25' Small t	
3 to 4 ft	.60 5.00
alba pendula. Tea's Weeping Mulberry.	
Medium Grade	
First Class Heads	5.00 45.00
Extra	5.00 45.00 6.00 55.00
MITCHELLA. See Evergreens page 48.	
MYRICA carolinensis (cerifera). Northern Be	ayberry. 4'-5' Does well
in poor gravelly soil. Gray waxy	berries persisting all winter. .75 7.00 60.00
15 to 18 in	.75 7.00 60.00 1.00 9.00
$\frac{1}{2}$ to $\frac{2}{1}$ ft	

DI	ECIDUOU	S TREES, SHRUBS A	AND VINES 23
			Each Per 10 Per 100
NANDINA do			n. Pleasing soft texture,
2/			s in large trusses. Tender.
5.	pots		.50 4.00 1.00
OSTRYA virgi			Slender spreading branches;
oblition ing.	handsome	beech-like foliage, clear	yellow in autumn. Smooth seful for dry locations.
	_	ft	1.50 14.00
			30' Graceful clusters of foliage, fine autumn color.
2	to 3	ft	1.35 12.00
3 4	to 4 to 5	ft ft	2.00 18.00 2.50 22.00
5	to 6	ft	3.00
PACHISTIMA.	See Ever	greens, page 49.	
PAULOWNIA	tomentosa	a. Royal Paulownia.	30'-40' Grows rapidly,
	very large	leaves, purple flowers.	Not quite hardy in north.
6		ft	2.50 3.50
_		ft Corb Tra	e. 50'-75' Picturesque
			Resists heat and drought.
3	to 4	ft	1.50
4	to 6 to 8	ftft	2.00 3.00
8		ft	4.00
PHILADELPH	US Avalar	nche. Avalanche Moc	k Orange. 3'-4' Graceful
		bit. Blooms profusely-	-long narrow leaves.
2	$\frac{1}{2}$ to 2 to 3	ftft	.60 5.00 .75 6.00
Banniere.	A good		growth, slightly fragrant.
2	to 3	ft	1.00 9.00
3	to 4	ft	1.25 10.00
			nge. 3' Low dense habit. May-June. Small leaves.
		ft	.60 5.00 40.00
2 3	to 3	ft	.75 6.00 50.00 1.00 8.00 70.00
coronarius.	to 4	ft	-10' The fragrant creamy
	white flov	vers are freely produce	ed in May–June, vigorous.
2	to 3	ft	.50 4.00
3 4	to 4	ft ft	.75 6.00 1.00 8.00
- aureus.	Golden I		-5' Dwarf compact habit.
12		in	.60 5.00
1.5	5 to 18 $\frac{1}{2}$ to 2	in ft	.75 6.00 1.00 8.00
2		ft	1.25
— grandifle	ora. Larg	e Flowering Mock Or	ange. 7'-8' Vigorous.
2 3	to 3	ft	.60 5.00 40.00 .75 6.00 50.00
4	to 5	ft ft	1.00 8.00
			2' Blooms freely, vigorous.
2	to 3	ft	.60 5.00 40.00 .75 6.00 50.00
3 4	to 4	ft ft	.75 6.00 50.00 1.00 8.00 70.00

Each Per 10 Per 100 PHILADELPHUS lemoinei. Lemoine Mock Orange. 4'-5' Compact habit, fragrant semi-double flowers produced along slender branches. ft..... .60 5.00 Snowbank Mock Orange. 4'-5' Free flowering, fragrant. nivalis. to 3 ft50 to 4 ft75 4.00 ft.....ft 6.00 4 to 5 1.00 8.00 virginalis. Virginal Mock Orange. 7'-8' Beautiful semi-double flowers produced intermittently all summer. Most desirable, to 3 ft... 1.00 8.00 ft..... Smooth Photinia. 8' Small flowers, bright red PHOTINIA glabra. fruits, compact habit. Deep green foliage persists till winter. 3 to 4 ft...... 1.00 4 to 5 ft...... 1.50 9.00 12.00 Red Berried Photinia. 8'-9' Flowers white, June, rich villosa. scarlet berries profusely borne in autumn, splendid thick foliage. to 3 ft... .85 8.00 to 4 ft... 1.00 9.00 to 5 ft... 1.50 13.00 70.00 3 to 4 ft 80.00 to 5 ft..... 5 to 6 ft..... 2.00 18.00 PHYSOCARPUS opulifolius (SPIREA). Ninebark. 9'-10' Creamy white June—good for shade. Good vigorous shrub, easily grown. 6.00 to 1.00 8.00 - aureus. Goldleaf Ninebark. 9'-10' Leaves turn yellow to bronze. 4.00 6.00 PICEA. See Evergreens, pages 49. floribunda. See Evergreens, page 49. japonica. See Evergreens, page 49. PINUS. See Evergreens, page 50. PLATANUS occidentalis. American Plane Tree. 100' The tallest native North American tree. Has creamy white bark which sheds in patches. Fruits or buttonballs borne singly. Grows quickly. 8 to 10 ft..... 3.50 to 10 ft., $1\frac{1}{4}$ to $1\frac{1}{2}$ in. 4.50 orientalis. European Plane Tree. 70'-80' A good tree for park and street use—quick grower, stands city conditions, also succeeds at seashore. to 6 ft..... 1.75 16.00 150.00 2.50 6 to 8 ft..... 22.00 200.00 8 to 10 ft..... 3.00 28.00 250.00 4.25 5.50 7.00 8 to 10 ft., 1½ to 1½ in. 10 to 11 ft., 1½ to 1¾ in. 11 to 12 ft., 1¾ to 2 in. 12 to 14 ft., 2 to 2¼ in. 350.00 40.00 50.00 65.00 8.00 POLYGONUM auberti. China Fleecevine. 25'-35' Vigorous growing vine covered during early summer and autumn with numerous small white flowers.

1.00

8.00

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Each
                                               Per 10 Per 100
POPULUS balsamifera. Balsam Poplar. 75'-80' Buds fragrant in spring.
           1.25
                                               10.00
                                         1.50
                                                13.00
            Bolleana Poplar. 50'-60' Leaves white underneath; similar
             character to Lombardy poplar—gray bark, grows quickly.
               11.00
                                       1.50
2.00
2.50
           6
              to 8
                      ft.....
                                                14.00
                                                        130,00
           8
              to 10 ft.....
                                                18.00
           8 to 10 fti, 1½ to 1½ in.
12 to 14 ft., 1¾ to 2 in.
12 to 14 ft., 2 to 2¼ in.
                                         4.00
                                         5.50
   canescens. Gray Poplar. 30'-40' Hardy—useful for exposed places.
           9 to 10 ft., 1½ to 1½ in. 3.00 25.00

10 to 12 ft., 1½ to 1¾ in. 4.00 35.00

10 to 12 ft., 1½ to 2 in. 5.00 45.00

12 to 14 ft., 2 to 2½ in. 6.00 55.00

12 to 14 ft., 2½ to 3½ in. 7.50 70.00
                                       7.50
                                                70.00
   eugenei (monolifera). Carolina Poplar. 75'-90' Rapid grower succeeds
           even on dry places and near seashore. Has spreading roots.
           8.00
                                          1.00
                                         1.25
                                               10.00
           11 to 12 ft., 1\frac{1}{2} to 1\frac{3}{4} in.
                                          1.75
                                                15.00
   nigra italica. Lombardy Poplar. 60'-80' Tall spire-like character-
            is valued for screens and architectural effects. Grows quickly,
             and retains its lower branches.
              to 6 ft.....
                                          .75
                                                6.00
                                                         50.00
                                       1.00
              to 8
                                                 8.00
                                                         70.00
           6
                      ft .....
                                       1.50 12.00
2.00 18.00
2.50 22.00
3.00 27.00
4.00 35.00
                 10 ft .....
                                                        100.00
              to
           150.00
                                                        200.00
                                                        250.00
                                       5.00
                                                45.00
          Simon Poplar. 25'-30' Hardy small tree; good foliage.
              to 8 ft.....
                                               12.00
                                         1.25
              1.50
                                                14.00
                                          2.00
                                                18.00
   Volga Poplar. Has similar upright growth to the Lombardy poplar.
           1.35
                                                10.00
                                         1.75
                                                15.00
tridenta. See Evergreens page 50.
PRINOS. See ILEX glabra, page 44.
PRUNUS cerasifera pissardi. Purple Leaf Plum. 12'-15' Valued because
             of purplish foliage. Prune every year for best color effect.
             to 3 ft. 1.00
to 4 ft. 1.25
to 5 ft. 1.50
ft. 2.00
                                                11.00
                                                14.00
                                                18.00
   glandulosa (amygdalus nana). Double Flowering Almond. 5'-6'
       Pink and white. (Please specify which color you want.)
           40.00
           .75
                                                 7.00
                                                        60.00
                                        1.00
                                                8.00
                                                         70.00
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26 DECIDUOUS TREES, SHRUBS AND VINES Each Per 10 Per 100 PRUNUS maritima. Beach Plum. 9'-10' Small white flowers, Aprilpurple fruits. Splendid subject for sandy soil or near seashore. 6.00 European Bird Cherry. 30'-40' Decorative flowering tree; has long drooping racemes of white flowers, black fruit. serrulata. Oriental Cherry. 25'-30' Pure white, semi-double, May. Hisakura. Double Pink Japan Cherry. 25'-30' Large clusters of double flowers of a delicate pale pink. Grows vigorously. 4 to 5 ft. B. & B..... - James H. Veitch (Fugenzo). Veitch Japan Cherry, 30' 40' The most handsome double flowering cherry cultivated. Has large rose-pink flowers, upright habit; vigorous grower. 4 to 5 ft. B. & B. 7.50 - flore pleno. Double White Cherry. 30'-35' Upright, branching. 4 to 5 ft. B. & B. 7.50 - Single Pink. Japan Flowering Cherry. This is the beautiful single pink cherry that is the great attraction at the Capitol grounds.

3 to 4 ft. R & R 3 to 4 ft. B. & B. 6.00 4 to 5 ft. B. & B. 7.50 subhirtella pendula. Weeping Japan Cherry. 12'-15' Most beautiful and graceful tree covered with pink blossoms in early spring. PYAMIDAL FORM (budded low). 6.00 4 to 5 ft. B. & B. ft. B. & B. 8.00 ft. B. & B. 10.00 to 6 6 to 7 STANDARD FORM tomentosa. Nanking Cherry. 6'-7' A splendid shrub, has pink buds expanding to white flowers—small red fruits relished by birds. 6.00 7.50 8.50 triloba plena. Double Flowering Plum. 7'-8' Double pink flowers before the leaves, April-May. Handsome and useful shrub. to 3 ft..... 1.00 8.00 to 4 ft..... 1.25 10.00 to 5 ft..... 1.50 PTELEA trifoliata. Hop Tree. 10'-12' Fruit clusters look and smell like hops, turning brown in Autumn. Fresh green foliage. 5.00 6.00 10.00 PYRACANTHA. See Evergreens, page 51. QUERCUS alba. White Oak. 100' Best planted in spring; slow growth. 4 to 6 ft..... 3.50 coccinea. Scarlet Oak. 75'-90' Most striking autumn colors, tall stately grower, deeply cut leaves-succeeds in dry places.

	DECIDOC	US TREES, SHRUBS A	AND VINES 27
			Each Per 10 Per 100
QUERCUS	palustris.	Pin Oak. 75'-90' Takes	kindly to cultivation, prefers
	moist so	il but is very adaptable.	Particularly fitting as a street
		symmetrical pyramidal h	ead. Good autumn effects.
	8 ft	1/	4.00 35.00
	8 ft., 1 7 to 9	$\frac{1}{4}$ to $\frac{1}{2}$ in	6.00 55.00 7.00 65.00
	9 to 1	0 ft., $1\frac{3}{4}$ to 2 in.	8.50
		2 ft., 2 to 2½ in.	10.00
	12 to 1	3 ft., $2\frac{1}{4}$ to $2\frac{1}{2}$ in.	12.00
	13 to 1	4 ft., $2\frac{1}{2}$ to 3 in.	13.50
	13 to 1 14 to 1	5 ft., 3 to $3\frac{1}{2}$ in. 5 ft. $3\frac{1}{4}$ to 4 in.	20.00
robur (n	edunculata) Fudlish Oak 100'	Forms broad round head.
robur (p	$1\frac{1}{4}$ to 1	ft., 1½ to 1¾ in. 0 ft., 1¾ to 2 in. 2 ft., 2 to 2¼ in. 3 ft., 2¼ to 2½ in. 4 ft., 2½ to 3 in. 5 ft., 3 to 3½ in. 5 ft., 3½ to 4 in. 1. English Oak. 100' ½ in. in.	5.00
	$2\frac{1}{2}$ to 3		
rubra.	Red Oak.	75'-90' Comparatively	quick growth, rich autumn
	coloring	in greens and reds-unfo	lding leaves pink.
	6 to 8		3.50
	8 to 9	ft., $1\frac{1}{4}$ to $1\frac{1}{2}$ in.	6.00
	9 to 1 9 to 1	0 ft., $1\frac{1}{2}$ to $1\frac{9}{4}$ in. 1 ft., $1\frac{3}{4}$ to 2 in.	7.00 8.50
	, 10 I		12.00
RETINOSPO		Evergreens, pages 51-53	
	cathartica.	Common Buckthorn.	9'-10' Dark green leaves.
	numerou	is black berries. Valuable	background shrub—hardy.
	$1\frac{1}{2}$ to 2	ft	.35 3.00
	2 to 3 3 to 4		.50 4.00 .75 6.00
francula		Buckthorn. 8′–9′ Berri	os red changing to black
Iraligula	2 to 3	f+	50 4.00
	3 to 4	ft	.60 5.00
	4 to 5	I L.,	./3 0.00
	5 to 6		1.00 8.00
		See Evergreens, pages 53	
RHODORA			active rosy-purple flowers
	Vasevi.	Useful for shady places	somewhat similar to Azalea
	1 to 1	1/6 ft	1.00 9.00
	$1\frac{1}{2}$ to 2	½ ft ft	1.25 11.00
RHODOTYI	POS karria	doe Lathand 1' 5' Er	ach groon foliago puro ubito
	flowers,	May-June-shining black	k bead-like berries all winter. .75 6.00 50.00 1.00 8.00 70.00 1.25 10.00 80.00
	$\frac{1}{2}$ to 2	ft	1.00 8.00 70.00
	3 to 4	ft	1.25 10.00 80.00
RHUS canad	densis (aro	natica). Fragrant Suma	ch. 4'-5' Clusters of small
	vellow f	lowers, April–May. Attra	active in June when covered
	with cor	al-red fruits. Withstands	drought. Aromatic foliage.
	15 to 1 1½ to 2	8 in ft	.60 5.00 40.00 .75 7.00 60.00
	$\frac{1}{2}$ to $\frac{2}{3}$	ft	1.00 9.00
copallin			lowy crimson fruits, hand-
2 o F 22.	some fo	liana nood autumn colori	na Succeeds in poor soil
		ftft	.50 4.00
	2 to 3 to 4	ftft	.60 5.00 .75 7.00
cotinus.		raa Purpla Erinda	10'-12' Feathery purplish
connus.	flowers	June-July, Good foliage	brilliant autumn coloring
	2 to 3	ft	e, brilliant autumn coloring. 1.50 2.00
	3 to 4	ft	2.00
	4 to 5	ft	2.50

DECIDOOUS TREES, SHRUBS A			
		Per 10	
RHUS glabra. Smooth Sumach. 10'-12' Crim			
autumn coloring. Thrives in poor		s bluish b	ranches.
0 10 1 11			
— laciniata. Cutleaf Smooth Sumach. 4' grows slowly. Striking crimson e	arly autun	nn colorir	leaves— ng.
1½ to 2 ft	.65 .75	6.00	
2 to 3 ft	1.00	7.00 9.00	80.00
typhina. Staghorn Sumach. 15'-18'		e habit-	
autumn effect. Useful for park and	d general la	andscape i	planting.
3 to 4 ft	.50	4.00	
4 to 5 ft	.75	6.00	50.00
5 to 6 ft	1.00	8.00 9.00	70.00 80.00
 laciniata. Cutleaf Staghorn Sumach. giving attractive feathery appeara 			
2 to 3 ft	.60	5.00	
3 to 4 ft	.75	6.00	50.00
2 to 3 ft	.85	8.00	70.00
		8.50	80.00
RIBES odoratum (aureum). Golden Curran flowers in May. Useful for plan	t. $6'-7'$	Fragran 'er "leggy"	yellow shrubs.
2 to 3 ft	.60	5.00	40.00
3 to 4 ft	.75	6.00	50.00
gordoniana. Gordon Currant. 5'-6' Pur	rplish rose	flowers	in May.
2 to 3 ft	.60	5.00	
3 to 4 ft	.75	6.00	
ROBINIA hispida. Rose Acacia. 5'-6' Attract June. Soon develops into a mass.	Good f	nk flower or dry bar	rs, May- nks.
$1\frac{1}{2}$ to 2 ft	.60	5.00	
2 to 3 ft	.75 1.00		
-			,
pseudo acacia. Locust. 60'-80' Fragrant	white flov		
4 to 6 ft	1.25	8.00 11.00	70.00 90.00
8 to 10 ft	1.75	16.00	, 0,00
ROSA blanda. Meadow Rose. 4'-5' Pink, May;	almost th		ed bark.
1½ to 2 ft	.50	4.00	60.00
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1.00	7.00 9.00	60.00 80.00
hugonis. Father Hugo Rose. 6'-8' Clear	vellow sir		
produced, June. Bushy habit; sm	all decora	tive foliag	ge.
$1\frac{1}{2}$ to 2 ft	1.00	9.00	80.00
lucida (virginiana). Virginia Rose. $5'-6'$ fruits, red bark, thick shiny leaves.	Pink, Jun	ne. Red do	ecorative
1½ to 2 ft		5.00	
2 to 3 ft	.75	6.00	
	1.00	9.00	
moyesi. Moyes Rose. 6' Blood red flow	vers $2\frac{1}{2}$	inches .	across-
beautiful foliage. Develops into a		hy specin	nen.
2 yr., heavy			
multiflora. Fragrant white flowers in spring,	, attractive	red fruit	
3 to 4 ft 4 to 5 ft	.60 75	5.00 7.00	40.00
1 10 0 11	. / 5	,	00.00

	DECID	100	S TREES, S	HRUBS A	ND AIL	VES	29
					Each	Per 10	Per 100
ROSA nitida	a. Brist	ly Re	se. 3' Dee	p pink. Jun			
	banks	and	general ma	ss planting	Good	autumn	coloring
	1½ to						40.00
	$\frac{1}{2}$ to	21/2	ft ft		.75	6.00	10.00
	$2\frac{1}{2}$ to	3	ft		1.00	8.00	
1	-						_
palustris			Swamp Ro				√igorous.
	$1\frac{1}{2}$ to	2	ft			5.00	
	2 to	2½	ft		.75	7.00	
	$2\frac{1}{2}$ to	3	ft		1.00	9.00	
rubigino	sa Sun	oot R	riar. 5'-6'	Bright pir	de Iuma	Aromati	a foliago
rubigino	2 to	3			.85		60.00
	3 to	4	ft ft		1.00	7.00 9.00	00.00
rubrifolia	a (ferrug	inea)	. Redleaf I	Rose. 5'-6'	Has di	stinct pu	rplish-red
	leaves	and	bark; good	winter sub	ject. Pir	nk flower	ed, June.
	2 to	3	ft		1.00		
	3 · to	4	ft		1.25		
	D. 1 D.		D 4/	~/ X Y 1	1 1	1	
rugosa.			Rose. 4'-				
			ne–Sept. Ri		-	_	
	Usefu	l in s	hrubbery bo	rder or as h	edge—gc	od fall	coloring.
	1½ to	2	ft		.50	4.00	
	2 to	3	ft		.60	5.00	
	3 to	4	ft		.75	7.00	
	4 ft				1.00	9.00	
- alba	White	Rude	osa Rose.	1'-5' Large	nura wi	nita flore	nec.
and.							.1 5.
			ft			6.00	
	2 to		ft		.85	8.00	
	3 to		ft		1.00	9.00	
	4 ft				1.25	11.00	
— renen	s alba	Tro	iling Rugo	sa Rose	Has the	same h	andsome
ropen			ype. Large				
			forrocky ba				S the son.
	2 yr				1.00	9.00	
Ma	ax Graf.	Simi	ar habit to p	receding; be	autiful si	ngle pink	flowers.
setigera.			se. 5'-6' T				
	hands	ome	foliage, deep	rose flow	ers in cl	usters, Ju	ıne-July.
	3 to	4	ft		.75	6.00	50.00
	4 to	5	ft		1.00	8.00	60.00
		, 1	D 97	4/ A 1	1		
spinosiss			Rose. 3'-				
			vered with so		las attrac	ctive sma	ll foliage.
	Pink c	or crea	ımy single flo	wers.			
	15 to		in		.80	7.00	60.00
	$1\frac{1}{2}$ to	2	ft		1.00	9.00	80.00
and about 1	1.5					11	C 1 . E -
wichuriar			al Rose. 1				
			nks or bould				toliage.
	1½ to	2	ft			4.00	
	2 to	3	ft		.75	6.00	
	3 to	4	ft			8.00	70.00

Roses

The following roses have been selected as being a really representative collection. All are vigorous growers and free bloomers, hardy and dependable.

HYBRID TEA or MONTHLY BLOOMING ROSES

\$1.00 each; 9.00 ten; 75.00 hundred

Betty, yellow shaded pink.

Columbia, dark pink.

Duchess of Wellington, yellow.

Eldorado, golden yellow Gen. McArthur, red.

Gruss an Teplitz, red.

Kaiserine A. Victoria, white. Killarney Queen, dark pink.

Lady Ursula, light pink.

Laurent Carle, rich crimson.

Los Angeles, yellow shaded pink.

Mad. Butterfly, light pink.

Mad. C. Testout, dark pink.

Mad. E. Herriot, yellow shaded pink

Mad. Jules Bouche, white. Mrs. Aaron Ward, yellow. Mrs. Henry Morse, pink.

Ophelia, flesh pink Radiance, dark pink. Red Radiance, red.

Souv. de C. Pernet, yellow. White Killarney, white.

HYBRID PERPETUAL or JUNE ROSES

\$1.00 each; 9.00 ten; 75.00 hundred

Frau Karl Druschki, pure white.

General Jacquiminot, red. George Ahrends, light pink. J. B. Clark, crimson. Mrs. John Lang, clear pink. Paul Neyron, rose pink.

POLYANTHA ROSES or BABY RAMBLERS

\$1.00 each; 9.00 ten; 75.00 hundred

Dorothy Haworth, pink. Eblouissant, crimson.

Edith Cavell, crimson. Geo. Elgar, vellow.

Gruss an Aachen, large flesh pink.

Marie Pavic, white. Mrs. Cutbush, pink.

Mrs. Wm. Koning, white.

CLIMBING ROSES or RAMBLERS

\$1.00 each; 9.00 ten; 75.00 hundred

Albertine, double clear pink.

Aviateur Bleriot, yellow. Bess Lovett, crimson red.

Christine Wright, clear pink. Climbing American Beauty, rose red.

Dr. Van Vliet, flesh pink.

Gardenia, vellow. Mary Lovett, large white.

Mary Wallace, bright pink. Paul's Scarlet Climber.

Purity, pure white. Silver Moon, pure white.

3 to 4 ft., \$1.00 each; 8.00 ten; 60.00 hundred

American Pillar, single red, white cen.

Dorothy Perkins, pink. Excelsa, crimson.

Hiawatha, single red. Tausendschon, light pink.

White Dorothy Perkins.

Each Per 10 Per 100 RUBUS odoratus. Flowering Raspberry. 5'-6' Rose colored fragrant flowers produced all summer —good for covering shady banks. to 3 ft50 4.00 to 4 ft75 6.00 to 5 ft ... 1.00 8.00 SALISBURIA. See GINKGO, page 15. SALIX babylonica. Babylon Weeping Willow. 50'-60' Particularly appropriate for waterside planting-long pendulous branches.

 4
 to 6
 ft
 1.25
 11.00
 100.00

 6
 to 8
 ft
 1.75
 16.00
 150.00

 8
 ot 10
 ft
 2.50
 22.00
 200.00

 10
 to 12
 ft
 3.25
 30.00

 blanda (dolorosa). Wisconsin Weeping Willow. 40'-50' Spreading pendulous branches; leaves dk. green above, glaucous beneath. caprea. Pusy Willow. BUSH FORM. 15'-20' Very desirable for spring effects. Will succeed in dry as well as wet places. 6 to 8 ft... 1.00 8.00 8 to 10 ft... 1.50 12.00 elegantissima. Thurlow Weeping Willow. 60'-70' Vigorous, spreading. 4 to 6 ft. 1.50 12.00 100.00 6 to 8 ft. 1.75 16.00 150.00 8 to 10 ft 2.50 22.00 10 to 12 ft 3.25 30.00 incana (rosmarinifolia). Rosemary Willow. 12'-15' Good for fine texture in foliage effects—narrow leaves silvery white beneath. 3 to 4 ft..... pentandra. Laurel Leaf Willow. 20'-30' Shining dark green leaves make this a worthwhile background. Good for the seashore.
 3
 to 4
 ft.
 .75
 6.00
 50.00

 4
 to 6
 ft.
 1.00
 8.00
 70.00

 6
 to 8
 ft.
 1.25
 10.00
 90.00
 vitellina. Golden Willow. 25'-30' Valuable for winter effect, bark being bright golden yellow. Silky leaves are silvery beneath.
 3
 to 4
 ft.
 .75
 6.00
 50.00

 4
 to 6
 ft.
 1.00
 8.00
 70.00

 6
 to 8
 ft.
 1.25
 11.00
 100.00
 6 to 8 ft..... - pendula. Golden Weeping Willow. 20'-30' Graceful habit.

 4
 to 6
 ft
 1.25
 10.00

 6
 to 8
 ft
 1.75
 15.00

 8
 to 10
 ft
 2.50
 22.00

 britzensis. Bronze Willow. 20'-25' Particularly good when used with Golden Willow. Has distinct reddish-bronze bark.
 3
 to 4
 ft.
 .75
 6.00

 4
 to 6
 ft.
 1.00
 8.00

 6
 to 8
 ft.
 1.25
 11.00
 70.00 SAMBUCUS canadensis. American Elder. 8'-9' Fine for swampy places. Fragrant flowers, June-July. Black fruits enjoyed by birds. — acutiloba. Cutleaf American Elder. 8'-9' Leaves finely cut. Similar flowers and fruit to preceding. Distinct, desirable shrub. to 3 ft. .50 4.00 to 4 ft. .75 6.00 to 5 ft. 1.00 8.00 23 .75 6.00 50.00 1.00 8.00 70.00

32 DECIDUOUS TREES, SHRUBS AND VINES		
SAMBUCUS canadensis 2 to 3 3 to 4 4 to 5	aurea. Golden Elder. ft ft	Each Per 10 Per 100 10'-12' Yellow foliage75 6.00 50.00 .85 8.00 70.00 1.00 9.00 80.00
racemosa (pubens). Red Elder. 8' 10' Bright red berries in June.		
4 to 5 5 to 6		1.00 9.00 80.00 1.25 11.00
SASSAFRAS variifolium. Common Sassafras. 40'-50' Handsome light green foliage, striking autumn color; transplants best in spring.		
3 to 4 4 to 5	ft ft	1.50 2.00
SCHIZOPHRACMA Sa	HYDRANGEA petiol	arie paga 16
SCHIZOPHRAGMA. See HYDRANGEA petiolaris, page 16.		
SHORTIA. See Evergreens, page 54.		
SOPHORA japonica. Pagoda Tree. 30'-40' White flowers in late summer.		
5 to 6	ft	3.00
6 to 8		4.00
8 to 10	ft	5.00
SORBARIA aitchisoni. Kashmir False Spirea. 4'-5' Graceful compound foliage. Large heads of flowers creamy white in July-Sept.		
2 to 3	ft	.75 6.00 50.00
3 to 4	ftft.	1.00 8.00 70.00
4 to 5	ft	1.25 10.00
arborea glabrata. Smooth Tree Spirea. 10'-12' Handsome flower spikes, July-Aug. Has smooth purplish branchlets. Scarce.		
3 to 4		.75
4 to 5	ft	1.00
5 to 6		
sorbifolia. Ural False Spirea. 4'-5' Fluffy white flowers, June-Aug.		
2 to 3 3 to 4	ft ft	.75 6.00 50.00 1.00 8.00 70.00
SORBUS americana. American Mountain Ash. 20'-25' Has pointed leaves, small bright red berries. Grows slower than European.		
4 to 5 5 to 6	ft ft	1.75
aucuparia. European Mountain Ash. 25'-30' A valuable tree on a		
small lawn. The conspicuous orange-scarlet berries are quite striking and are a favorite food of robins. Has smaller rounded leaves and larger berries than the American variety.		
4 to 5	ft	1.50 13.00 120.00
5 to 6	ft	2.00 18.00 150.00 2.50 22.00 200.00 3.00 28.00
6 to 8 8 to 10	ft ft	3.00 28.00
10 to 12	ft	5.00
— pendula. Weeping Mountain Ash. Curious pendulous branches.		
	ig Mountain Asti. Can	
-		5.00
SPIRAEA arguta. Garland Spirea. 5'-6' Small light green leaves—very free flowering. May. Coarser, more vigorous than Thunbergi.		
, =	ft	.50 4.00
billiardi. Billiard Spirea. 5'-6' Bright pink fluffy flower spikes sometimes eight ins. long in July-Oct. Valuable for dry places.		
3 to 4	ft	.75 6.00

DECID	JOUS TREES, SHRUB	s and vi	NES	33
				Per 100
	Bumalda Spirea. 2'-3'			July-Sept.
$1\frac{1}{2}$ to	2 ft	75	6.00	50.00
2 to	2½ ft	1.00	8.00	70.00
				80.00
- Anthony Wa	aterer. Waterer Spirea	. 3' Deep	per rose	pink than
preced	ding -very free flowering	all summer.	A comp	act shrub.
$1\frac{1}{2}$ to	2 ft	50		30.00
$\frac{2}{2\frac{1}{2}}$ to	2½ ft		6.00 8.00	50.00
				70.00
	rosea). Fortune Spirea.			lowering.
$1\frac{1}{2}$ to 2 to			4.00	
	3 ft		5.00 6.00	
Svooboli Evoobo	l Spirea. 4' Similar to			l
	ous and the flowers are			
1½ to				30.00
$\frac{1}{2}$ to	2 ft 3 ft	30	6.00	50.00
3 to	3 ft	1.00	8.00	70.00
japonica (callos	a alba). Japanese Sp	irea. 3'	White, I	une-Iulv.
	sh-green foliage when yo			
15 to	18 in	.75	6.00	50.00
$1\frac{1}{2}$ to	18 in	1.00	8.00	70.00
2 to	2½ ft	1.25	10.00	80.00
latifolia (salicifoli	a.) Meadow Spirea. 5	′-6′ Pink-	-July.	
$1\frac{1}{2}$ to	2 ft	.50	4.00	30.00
2 to 3 to	2 ft	.60	5.00 6.00	40.00 50.00
	1 10	.,,		
	lifolia. Big Nippon S ₁ dark green leaves persist			
		_	•	en nabit.
$1\frac{1}{2}$ to 2 to	2 ft	.75	4.00 6.00	
·	HYSOCARPUS, page 2			
	al Wreath. 7'-8' Doubl		-	
	ome dark green foliage tur			
2 to 3 to	3 ft		6.00 8.00	50.00 70.00
4 to	5 ft			80.00
rooveinna Page	ves Spirea. 4'–5' Pure	mbita Max	r. Tuna	Gracoful
	g habit. Retains green lea			Cracerur
	2 ft		4.00	30.00
	3 ft	.75	6.00	50.00
3 to	4 ft	1.00	8.00	60.00
thunhergi. Thun	berg Spirea. 4'-5' Slei	nder archine	branche	s clothed
with p	oure white flowers, April- Valuable for seaside p	-May. Fea	thery ligh	ht green
1½ to	2 ft	.75	. 6.00	50.00 60.00
2 to 2½ to	3 ft	1.00	10.00	80.00

34 DECIDUOUS TREES, SI	HRUBS AND VINES	
	Each Per	
SPIRAEA tomentosa. <i>Hardhack</i> . 3′–4 Leaves brownish undersi	Woolly rose-pink flowe	rs, July-Sept.
11/2 to 2 ft		
$\frac{1}{2}$ to 2 ft		50.00
trichocarpa. Another Arnold Arbo	retum introduction, som	
lar to Van Houtte and p		
	1.00 8.0	
van houttei. Van Houttei Spirea habit. Extremely free fle	. 8'-9' White, May-Jui	ne. Graceful
2 to 3 ft		
3 to 4 ft		00 50.00
4 to 5 ft	1.00 8.0	70.00
SPRUCE. See PICEA, pages 49.	11 11 10 10 10 17	
STAPHYLEA colchica. Colchis Blad with distinctive fragrance	lder Nut. 10'-12' Fl e May-June Decorativ	owers white,
$1\frac{1}{2}$ to 2 ft	1.00 9.0	
trifolia. American Bladdernut.		
April-May, followed by	decorative bladder-like fr	uits.
4 to 5 ft	1.50 14.0)0
5 to 6 ftSTEPHANANDRA flexuosa. Cutled		
compact habit; handsom	e foliage, similar to sma'	l maple leaf.
$1\frac{1}{2}$ to 2 ft		00 40.00
$1\frac{1}{2}$ to 2 ft)0
STRANVAESIA davidiana. See Everg STYRAX japonica. Japanese Storax.		aned pendant
flowers, June-July. Mal		
		00
3 to 4 ft 4 to 5 ft	1.00 9.0 1.25 10.0	
4 to 5 ft 5 to 6 ft	1.50	<i>,</i> 0
SVMDHODICADDOS chanquiti 4' 5	" A usoful compact ch	ırub.
$1\frac{1}{2}$ to 2 ft	.60 5.0	00
2 10 3 11)0
racemosus. Snowberry. 4'-5' L foliage. Best in half-sha	dy, moist locations.	
1½ to 2 ft		
3 to 3½ ft	.80 7.0	
$3\frac{1}{2}$ to 4 ft	1.00 9.0	
vulgaris. Coralberry. 4'-5' Mo red berries persisting thro	ughout winter—for shad	ly, dry places.
$1\frac{1}{2}$ to 2 ft		
$1\frac{1}{2}$ to 2 ft		
$3\frac{1}{2}$ to 4 ft	1.00 8.0	00 70.00
SYMPLOCOS paniculata (crataegoid	les). Asiatic Sweetled	of. 15'-20'
Numerous small white turquoise-blue berries in	lowers in May, tollow	ed by bright
late autumn. Spreading	branches—prefers draine	d half-shade.
2 to 2½ ft	1.50	
SYRINGA chinensis (rothomagensis	.) Chinese Lilac. 8'	9' Slender
branches, graceful. Viol	et flowers in May-fr	
1½ to 2 ft		00 50.00 00 60.00
3 to 4 ft	1.00 9.0	80.00

DECIDOUS TREES, S	HRUBS AND VINES	5 33
	Each Per	10 Per 100
SYRINGA chinensis saugeana. Purple	Chinese Lilac. 8' 9' D	eep purple-red.
1½ to 2 ft		.00 50.00
2 to 3 ft	1.00 8 1.25 10	.00 70.00
3 to 4 ft	1.25 10	.00 80.00
	1.50 12	
japonica. Japanese Tree Lilac. flowers, June–July. Ha	ındsome foliage; smootl	h shiny bark.
2 to 3 ft		.00 60.00
3 to 4 ft		.00 80.00
4 to 5 ft		.00 110.00
josikea. Hungarian Lilac. 9'- good deep green rougl	h foliage. Rather loos	e open habit.
2 to 3 ft		.00 60.00
3 to 4 ft 4 to 5 ft		.00 80.00
4 to 5 ftpersica. Persian Lilac. 9'-10'		
$\frac{1}{2}$ to 2 ft 2 to 3 ft		.00
— alba. White Persian Lilac.		
1½ to 2 ft		.00
2 to 3 ft		.00
pubescens. Hairy Lilac. 6' Gr some dark green foliage.	raceful free-flowering s	hrub. Hand-
3 to 4 ft	1.00 9	.00
villosa. Late Lilac. 7'-8' Pale ros	y-lilac, June. Good folia	ige—compact.
2 to 3 ft		.00 60.00
3 to 4 ft	1.00 9	.00 80.00
4 to 5 ft		.00 100.00
vulgaris. Common Purple Lilac.		fashioned lilac.
$1\frac{1}{2}$ to 2 ft		.00 40.00
2 to 3 ft		.00 50.00
3 to 4 ft 4 to 5 ft		.00
— alba. Common White Lilac.		•••
2 to 3 ft		.50
3 to 4 ft		.50
4 to 5 ft		.00
NAMED LILACS (all on own r	oots.)	
1½ to 2 ft		.00 70.00
2 to 3 ft		.00 90.00
3 to 4 ft		.00 110.00
4 ft		.00
Alphonse Lavalle. Dbl. lt. purple.	Marie Le Graye. Si	ngle white.

Alphonse Lavalle. Dbl. lt. purple. Charles Joly. Double deep violet. Charles the Tenth. Rosy lilac, sgl. Lamartine. Single rosy-mauve. L'Oncle Tom. Single red-purple. Ludwig Spaeth. Sgl. dark purple. Michael Buchner. Double lilac. Mme. Casimir Perrier. Dbl. white.

Marie Le Graye. Single white.
Mme. Lemoine. Double white.
President Grevy. Large Dbl. blue.
Pres. Poincaire. Dbl. claret-mauve.
Rubra De Marly. Single lt. blue.
Vestale. Single large white.
Wm. Robinson. Dbl. violet pink.

These lilacs are grown on their own roots and so will develop into better specimens, flower more freely, will not sucker and will live longer.

36 l	DECL	DUOU	S TREES, SHRUBS, A	and vi	NES	
				Each	Per 10	Per 100
TAMARIX a			ican Tamarix. 12'-14'			
			foliage. Effective near			
	$\frac{1\frac{1}{2}}{2}$ t		ft	.50	4.00 5.00	30.00 40.00
		o 3	ft ft	.60 .75	6.00	50.00
delli as						
gallica.			uarix. 8'-9' Lt. pink, M.		4.00	
	$\frac{1\frac{1}{2}}{2}$ t	to 2	ft ft	.50 .60	5.00	30.00 40.00
		to 4	ft	.75	3.00	10.00
TAXODIUM			Bald Cypress. 100'		trical pyra	
	1½ t		ft., B. & B	1.50	5 ,, 411.	p) place.
		to 5	ft., B. & B	3.00		
	5 t	to 6	ft., B. & B	4.00		
TAXUS. Se	e Eve	rgreens	, page 54.			
THUJA. See	e Ever	greens,	pages 54-57.			
TILIA ameri	cana.	Ame	rican Linden. 80' 90'	Large	leaves, op	en habit.
		to 10	ft	3.00	, -,	
	10	to 12	ft., $1\frac{1}{4}$ to $1\frac{1}{2}$ in.	3.50		
		to 14	ft., 2 to $2\frac{1}{2}$ in.	7.50		
		to 15 to 15	ft., $2\frac{1}{4}$ to $2\frac{1}{2}$ in. ft., $2\frac{1}{2}$ to 3 in.	10.00		
	7.7	to 15	ft., 3 to $3\frac{1}{2}$ in.	17.50		
platyphy			ean Large Leaf Linden.		Light gre	on leaves
placyphy		to 10		4.50	Ligitt git	en reaves.
		to 10	ft., $1\frac{1}{4}$ to $1\frac{1}{2}$ in. ft., $1\frac{1}{2}$ to $1\frac{3}{4}$ in.	5.50		
		to 11	ft., $1\frac{3}{4}$ to 2^{-4} in.	7.50		
	11	to 12	ft., 2 to $2\frac{1}{4}$ in.	9.00		
vulgaris						
			grows vigorously, formin		ct symme	trical tree.
		to 9	ft., $1\frac{1}{4}$ to $1\frac{1}{2}$ in.	4.50		
	·	to 10	ft., $1\frac{1}{2}$ to $1\frac{3}{4}$ in. ft., $1\frac{3}{4}$ to 2 in.	5.50 7.50		
		to 12	ft., 2 to 2½ in.	9.00		
TSUGA. Se	e Eve	ergreens	page 57.			
ULMUS ame	erican	a. An	nerican Elm. 80'-100'	Fairly	rapid in	growth,
	thi	s typica	l American tree soon a	issumes	regal pro	portions.
			otable, but best in moist		10.00	100.00
		to 6 to 8	ft	1.50 2.00	12.00 18.00	100.00 150.00
		to 10	ft ft	2.50	22.00	200.00
		to 10	ft., $1\frac{1}{4}-1\frac{1}{9}$ in	3.50	32.00	300.00
		to 11	ft., $1\frac{1}{2}-1\frac{3}{4}$ in	4.50	42.00	400.00
	10	to 12	ft., $1\frac{3}{4}-2$ in	5.50	50.00	
— Molir			train having large hands			
		nooth cl	quickly develops into de ean bark.		-	en. Has
		to 8 to 10	ft ft	2.25 2.75	18.00 25.00	
= Vase	shape		is is the typical spreading			
			its splendid characteristic , quick growth and unif			, straight
		to 8	ft	2.25	18.00	
	8	to 10	ft	2.75	25.00	

	DEC	CIDU	JOU	S TREES, SHRUBS	and VI	NES	37
					Each	Per 10	Per 100
ULMUS can	_	ris.		glish Elm. 100' Dev			nd head.
	6 8	to to	8	ft	2.50 2.75	22.00	
	8	to	10	ft., $1\frac{1}{4}$ to $1\frac{1}{2}$ in.	3.50		
VACCINIUN	4 con	r ym ł ower	osur	n. Highbush Blueber autiful fruit; good hab	ry. 5'-6' it, brilliant	White be	ll-shaped coloring.
	12	to		in		7.00	60.00
	15	to	18	in	1.00	9.00	80.00
	$\frac{1\frac{1}{2}}{2}$	to to	2 1/6	ft	1.25 1.50	11.00 13.00	100.00
		to	3	ft	2.00	13.00	
VIBURNUM		ıne.	Black	Maple Leaved Vibu fruits, maple-like leav dry shady places and	es turning	purple in	
	$_{2}^{1\frac{1}{2}}$	to to	2 3	ft ft.	.75 1.00		
americai				cos). American Crantiies, large bunches persi			
	11/2		2	ft	.75	6.00	50.00
	2	to	3	ft	1.00	9.00	80.00
	3	to to	4	ft	1.25 1.50	11.00 13.00	
cassinoid	-			od. 5'-6' White, June-			changing
Cassilloid	tc	dar	k blu	ie. Rich autumn color	ring. Sple	endid for	massing.
	$\frac{1\frac{1}{2}}{2}$	to to	2	ft ft		7.00 9.00	
	3	to	4	ft	1.25	11.00	
dentatur	n. bl	Arro ack;	w W autu	Yood. $10'-12'$ White imn coloring purple an	e, May-Ju d red. T	ne. Berr hrives in	ies blue- wet soil.
	2	to	3	ft	.75	6.00	50.00
	3	to	4	ft	1.00	9.00	80.00
	4	to	5	11	1.23	10.00	90.00
dilatatur	So	carlet	shin	<i>Tiburnum.</i> 8'–9' Creaty By berries persisting. H	Handsome	flowers N and value	lay-June able.
	$\frac{1}{2}^{\frac{1}{2}}$	to to	2 3	ft ft	.75 1.00		
lantana.	W	ayfa een	ring wrin	Tree. 15'-18' White, kled leaves; berries red	, May-Jun changing	e; handso to black;	ome dark vigorous.
	1 1/2		2	ft		7.00	60.00
	2	to to	3	ft ft	1.00 1.25	8.00 10.00	70.00 90.00
	4	to	5	ft	1.50	10.00	,0.00
rugos	sum.	W	rink	le Leaf Wayfaring Tr kled leaves than precedi	ee. 15' 1	8' Has la	irger and
						8.00	70.00
	2	to to	3 4	ft ft	1.00 1.25	10.00	90.00
lentago.	No	inny ood	berr	y. 18'-20' White, Ma nn color; blue-black fr	ny-June. l ruits. Sole	Handsome	e foliage,
	2	to	3	ft	1.00	8.00	70.00
	3	to	4	ft	1.25	10.00	90.00
	4	to	5	ft	1.50	12.00	

36	DEC		00	5 INDES, SIINODS AN			1.00
VIBURNUM				atucky Viburnum. 10'- otherwise similar to "den	12' La		r green
			3	ft	.75	6.00	50.00
			4	ft	1.00	8.00	70.00
	4	to	5	ft	1.25	10.00	80.00
nudum.				therod. 10'-12' Uprig			
				ft	.75	Dide Diack.	
opulus.	Fur	0.000	m C	Tranberry. 8'-9' Simila	r to An	perican Cra	nherry
opuius.				naller leaves and berries; m			
	2		3	ft	1.00	9.00	
	3	to	4	ft	1.25	10.00	
	4	to	5	ft	1.50	12.00	
- steril				Snowball. 9'-10' Harers, May-June. No fruit			eads of
	1 1/2			ft	75	7.00	60.00
			3	ft	1.00	9.00	70.00
						10.00	
— nanu	m. I	Dwai	rf (Cranberry. $1\frac{1}{2}'-2'$ U	Jseful e	dging or	facing
	shi	rub.	Rar	ely flowers. Very compa			
			6 9	in	.50	4.00	30.00
				in	.60 .75	5.00 6.00	40.00 50.00
nuhesce	ns I	Down	nv '	Viburnum. 5'–6' Like	limesto	ne soils-	-scarce
pubesee				ft	.75	JIE 30113	searce.
	$\frac{1}{2}$			ft	1.00		
prunifoli	ium			Haw. 15'-20' Pure w	hite fla	wers Apri	Llune
prumor				glaucous berries. Sturdy		-	
	1 1/2		2	ft	.75		
					1.00		
rhytidor	hyllu	m.	See	Evergreens, page 57.			
sieboldi	Sie	hold	Vi	burnum. 9'-10' White,	May-I	ine Berrie	e nink
sieboldi.	cha	angir	ng t	o black. Has handsome	large o		
	_		3 4	ft	.75 1.00		
tomento				efile Viburnum. 7'-8'			
				ne. Berries red to black.			
	$\frac{1}{2}$		2	ft	.75 1.00	7.00 9.00	60.00
	3		4	ft	1.25	10.00	70.00
	4	to	5	ft	1.50		
- plicat	tum.	Jat	oane	ese Snowball. 7'-8' S	howy v	white flow	ers in
·				Handsome foliage, purp			
	11/2	to :		ft	.75		
	2	to :			1.00		
	$\frac{2\frac{1}{2}}{3}$	to . to :	3 4		1.25		

MANDA			C.				Per 100
VIIEX agr				haste Tree. 4'-5' Da			
	F	lug	-Sept.	. Has gray-green star-	shaped l	eaves—pr	efers sun.
	$1\frac{1}{2}$	to	2	ft	.60	5.00	
	2	to	3	ft	.75	6.00	
macrop	hylla	. 3'-	4' La	vender-blue flowers, July	Oct. A	good impi	ovement.
		to		ft		8.00	
VITIS heter	rophy	lla.	See	AMPELOPSIS, page 5	ó.		
				ose Weigela. 7'–8' L		-vigoro	us hahit
	2	to	3	ft	.75	6.00	50.00
	3	to	4	ft	.85	7.00	60.00
	4	to	5	ft	1.00	8.00	70.00
	_						
candida				gela. 7'-8' Large whi			
	2.	to	3	ft	75	6.00	50.00
	3	to	4	ft	1.00	8.00	70.00
	4	to	5	ft	1.25	10.00	90.00
Desbois	. D	esbo	is W	eigela. 6′-7′ Deep ros	se pink—	-flowers p	rofusely.
	2	to	3	ft	.75	6.00	50.00
	3	to	4	ft	1.00	8.00	70.00
	4	to	5	ft	1.25	10.00	90.00
Eva R	athke	. I	Red 1	Flowering Weigela.	4′−5′ C	armine, Ju	ine-Aug.
	2	to	21/2	ft	.75	6.00	50.00
	$2\frac{1}{2}$	to	3	ft	1.00	9.00	80.00
	3	to	4	ft	1.25	10.00	90.00
floribun	da.	Cris	nson	Weigela. 7'-8' Crin	ison. Iur	ne. Free f	lowering.
	$1\frac{1}{2}$		2	ft	.60	5.00	40.00
	2	to	3	ft	.85	7.00	60.00
	3	to	4	ft	1.00	8.00	00.00
Lavalle.		valle		rigela. 7'-8' Bright c			
	2	to	3	ft	.75	6.00	50.00
	3	to	4	ft	1.00	8.00	70.00
	4	to	5	ft	1.25	10.00	
nana va	ariega	ıta.	Var	riegated Leaf Weigela.	4'– $5'$	Pale pink	flowers.
	$1\frac{1}{2}$	to	2	ft	.50	4.00	30.00
	2	to	3	ft	.75	6.00	50.00
	3	to	$3\frac{1}{2}$	ft	1.00	9.00	80.00
	$3\frac{1}{2}$	to	4	ft	1.25	10.00	90.00
rosea.	Pink	We	igela.	. 7'-8' Showy pink	flowers,	June—vig	orous.
	2	to	3	ft	.60	5.00	40.00
	3	to	4	ft	.75	6.00	50.00
	4	to	5	ft	1.00	8.00	70.00
steltzne	ri. S		ner l	Weigela. 6'-7' Dark re	ed flowe	rs freely n	roduced.
Stelland	2	to	3	ft	.60	5.00	40.00
	3	to	4	ft	.75	6.00	50.00
	J	10	-1	1 L	.15	0.00	50.00

40 DEC	CIDUOL	JS TREES, SHRUBS A	and vii	VES	
			Each	Per 10	Per 100
WEIGELA Van	Houttei.	Van Houttei Weigela.	7'-8' Ca	rmine; go	od color.
2	to 3	ft	.60	5.00	40.00
3	to 4	ft	.75	6.00	50.00
4	to 5	ft	1.00	9.00	80.00
Venusta. 6	'-7' Nev	v. Large rose-color flow	ers, June.	One of	the best.
2	to 3	ft	.60	5.00	40.00
3	to 4	ft	.75	6.00	
		American Wisteria. 20' owers in June. A beaut			ac-purple
2	to 3	ft	.80	7.00	
3	to 4	ft	1.00	9.00	
f.	lowers in	uster Wisteria. 40'-50' long clusters, May. Se old trees or open trellise	en to bes	_	
3	to 4		1.00		
4	to 5	ft	1.25	11.00	
		<i>Wisteria. 40'–50'</i> See bout a week before prec			r white.
2	to 3	ft	.80	7.00	
3	to 4	ft	1.00	9.00	
— — Grafte	ed Chine	se Wisteria. 40'-50'	Blue.		
$\frac{1}{2}^{\frac{1}{2}}$	to 2 to 3	ftft	.75 .95	6.00 7.00	
YUCCA. See E	vergreens	, page 57.			
	-	a. Yellowroot. 2'-3' a dry, sandy soil, but not	_		

						-
10	to	12	in	.50	4.00	30.00
12	to	15	in	.75	6.00	50.00

Our shrubs are given ample space for development and are grown in soil particularly conducive to a splendid fibrous root system. We earnestly invite your inspection.

Evergreens and Conifers

These have all been transplanted, most of them several times, giving ample room for full development, and frequently sheared to produce compact, symmetrical specimens.

Prices include B. & B. except as noted by ** ABIES douglasi. See page 46. Each Per 10 fraseri. Fraser Fir. 40'-50' Soft dark green foliage, pleasant odor. 6.00 veitchi. Veitch Fir. 50'-60' Tall narrow pyramid; soft needles; hardy. ANDROMEDA. See PIERIS, page 49. ARBORVITAE. See THUJA, pages 54-57. ARCTOSTAPHYLOS uva-ursi. Great Bear Berry. A good ground cover with evergreen foliage. Splendid for seashore planting. 2 yr..... AZALEA amoena. Japanese Azalea. 2½'-3' Conspicuous purple-red flowers, April-May. Leaves turn rich bronze-green in winter. 6 to 8 in ** 1.35 12.00 8 to 10 in ** 1.75 16.00 10 to 12 in 2.25 20.00 12 to 15 in 2.75 25.00 hinodegiri. Red Japanese Azalea. 3'-4' Larger leaves and better habit than above. Flowers very bright carmine-pink. Effective in masses or with Rhododendrons. Best when protected. 6 to 8 in ** 1.75 15.00 8 to 10 in ** 2.25 20.00 10 to 12 in 2.75 25.00 12 to 15 in 3.00 28.00 Akebona—white shaded lilac ledifolia alba-single white. Fuji-manyo—attractive double lilac —macranthum-single red Flame—distinct rich orange-red
Hatsu-giri—warm purplish red Pink Pearl—single pink. Snow-white. Yaye-giri—semi dbl. salmon red Hinamayo—clear soft pink 6 to 8 in ** 1.75 15.00 8 to 10 in 2.25 20.00 10 to 12 in 2.75 25.00 12 to 15 in 3.00 28.00 15 to 18 in 3.50 30.00 For other AZALEAS see pages 6-7. BERBERIS ilicifolia. Hollyleaf Barberry. 5'-6' Holly-like leaves persisting almost until new foliage appears. Flowers yellow. julianae. Wintergreen Barberry. 4'-5' Long deep green leaves retain their color throughout winter. Compact; blue-black fruits.

For other BERBERIS see pages 7-8.

42 EVERGREENS AND CONIFERS
BIOTA. See THUJA orientalis, page 57. Each Per 10 Per 100 BUXUS sempervirens. Box. (Bush form) 12′-15′ Useful for formal hedges. 10 to 12 in., bushy** 1.50 14.00 12 to 15 in., " ** 2.00 18.00 15 to 18 in., " 2.50 22.00 1½ to 2 ft., " 3.00 28.00 2 ft., extra bushy 9.00 2 ft., natural globes 12.00 to 15.00 each 2½ ft., natural globes 17.50 to 25.00 each PYRAMIDS. Broad specimens. 2 ft. 12.00 2½ ft. 17.50 japonica. Japanese Box. A hardy species, round light green leaves. CLIPPED GLOBES 18 to 20 in 12.50 20 to 24 in 16.00
suffruticosa. True Dwarf Box. 3'-4' Extensively used for edgings.
4 to 6 in **
ground cover. Best in large masses on well-drained slopes.
— hammondi. Hammond Heather. 1'-2' Large white.
— tenella. Slender Heather. 6"-10" Lavender.
6 to 8 in **
CHAMAEDAPHNE calyculata. Leatherleaf. 3'-4' White flowers in
April. The brown leaves persist throughout winter—useful. 15 to 18 in
COTONEASTER franchetti. Franchet Cotoneaster. 6'-8' Large dark
green leaves, open habit. bright orange berries; quick grower.
$1\frac{1}{2}$ to 2 ft
horizontalis (davidiana). Rock Cotoneaster. 1'-1½' Small box-like shiny leaves—bright red berries. Effective among rocks. 3" pots
- perpusilla. Has very small leaves; procumbent habit. Red berries.
3" pots 1.00 8.00
lemoinei. Slender branching shrub; dark green leaves; red fruits.
2 yr 1.00 8.00
microphylla. Rockspray. 2'-2½' Very small leaves, very deep green. Rather more bushy and retains foliage later than horizontalis.
12 to 15 in 1.00 8.00 15 to 18 in 1.35 12.00 3" pots .85 7.00
— thymifolia. Thyme Rockspray. 1½'-2' Very small leaves, bushy.
3" pots 1.00 8.00
rotundifolia lanata (buxifolia.) Box Cotoneaster. 3'-4' Has round leaves similar to boxwood. Open growth, red berries. 3'' pots
simonsi. Simon's Cotoneaster. 5'-6' Open growth; attractive foliage; black fruits. Evergreen in sheltered locations.
$1\frac{1}{2}$ to 2 ft

EVERGREENS AND CONIFERS Each Per 10 Per 100 CRYPTOMERIA lobbi compacta. Cave Cryptomeria. 15'-20' Forms narrow irregular column—compact and picturesque. Rich bronze winter color. Prefers moist but well-drained location.

	3½ to 4 ft
DAPHNE ci	neorum. Rose Daphne, 1' Gray-green foliage, low spreading. Pretty pink flowers in April-May. Delightful fragrance.
	3" pots
	9 to 12 in
EPIGAEA r	epens. Trailing Arbutus. 6" Has glossy dark green thick leaves tinged red; fragrant flowers, May; good ground cover.
	2 yr
ERICA carn	ea. Spring Heath. 6"-8" Rose-pink.
stricta.	Corsican Heath. 12"-18" Rosy-purple.
vagans.	Cornish Heath. 12"-15" Purple-red.
	3" pots
EUONYMUS	S japonica. Japanese Euonymus. 5'-6' Lustrous deep green leaves. Upright bushy habit. Needs winter protection here. 12 to 15 in **
— micro	phyllus. Boxleaf Burning Bush. 8"-10" Small round shiny leaves; compact growth; fine for edging; protect where exposed. 2 yr
patens (sieboldianus). Spreading Euonymus. 6'-8' Vigorous grower,
patono	forming broad, rather loose shrub; leaves persisting until late winter. Ornamental fruits. Effective among denser conifers.
	12 to 15 in **
	$1\frac{1}{2}$ to 2 ft
radicans	 Wintercreeper. Climbing to 15 ft. Self-clinging vine. Good for covering low walls. Also useful for under planting. 2 yr. bushy**
— acutu	s. Sharpleaf Wintercreeper. A graceful form with long
	s. Sharpleaf Wintercreeper. A graceful form with long narrow leaves, white veins, purplish underneath—attractive. 1 yr**
co	lorata. Similar to acutus but purple leaves, intensified in winter.
	2 yr**
— carrie	rei. Glossy Wintercreeper. Large, shiny pointed leaves.
	9 to 12 in. **
	12 to 15 in., 2 yr.**
— minir	nus. Baby Wintercreeper. Has tiny evergreen leaves and a dainty trailing habit. Charming for rockery or edging.
	3" pots
— varie	gatus. Variegated Wintercreeper. Leaves veined and marked yellowish white and pink. Clinging vine—grows vigorously.
	2 yr., bushy**

44	EVERGREENS AND CONIFERS
EUONYMU	Each Per 10 Per 100 S radicans vegetus. Bigleaf Wintercreeper. 3'-4' Bushy interesting growth; leaves round, dull green; bright scarlet and orange fruits. Handsome among evergreens; self-clinging. 9 to 12 in **
For othe	r EUONYMUS see page 14.
GAULTHER	AIA procumbens. Wintergreen. 6" Handsome aromatic dark glossy green foliage; pink flowers followed by scarlet berries. 2 yr., clumps
HEDERA co	olchica dentata. Colchis Ivy. 30'-40' Large thick heart-shaped dark gree leaves; self clinging; Protect until acclimated 2 yr 1.00 8.00 70.00
	English Ivy. 20'-50' Evergreen, good ground cover. A self- clinging vine. Best on north side or protected from hot sun- 2 yr.**
graci	lis. Miniature English Ivy. 8'-10' A refined ivy with smal leaves. Also self-clinging and comparatively hardy. 2 yr 1.00 8.00 60.00
ILEX crena	ta. Japanese Holly. 8'–10' Box-like dark green thick leaves. Stiff dense branching habit; black berries; forms splendid hedge 2 to $2\frac{1}{2}$ ft
— micro	phylla. Small Leaf Japanese Holly. 6'-8' Smaller leaves and more hardy than the type. More compact habit. 12 to 15 in
glabra.	 Inkberry. 5' 6' Shining dark green leaves purplish in winter. Black berries. Useful for shady spots, also succeeds in sun. 12 to 15 in
opaca.	American Holly. $25'-30'$ Does best in moist, partially shaded place. Rather difficult to transplant. Best moved in spring. $1\frac{1}{2}$ to 2 ft
For other	r ILEX see page 17.
JUNIPERUS	S canadensis. See Communis.
chinens	s. Chinese Juniper. 15'-20' Formal columnar outline, graygreen foliage of two types. A splendid hardy evergreen. 2 to 2½ ft
— albo	variegata. White Leaf Chinese Juniper. 6'-7' Light glaucous foliage with creamy branches interspersed. Formal pyramic but useful in low plantings. 15 to 18 in

Each Per 10
JUNIPERUS chinensis columnaris. Columnar Chinese Juniper. 15'-20'
Grows rapidly, forming tall, narrow column of gray-green foliage. Spire-like effect. Very useful. Improved by clipping.
2½ to 3 ft 6.50 60.00
3 to $3\frac{1}{2}$ ft
3 to 3½ ft
— femina reevesi. Reeves Juniper. Spreading upright, light green, hardy.
1½ to 2 ft 6.50
2½ to 3 ft 8.00
fortunei. Has gray green foliage. Forms a broad irregular pyramid.
1½ to 2 ft
2^{2} to $2\frac{1}{2}$ ft
$3\frac{1}{2}$ ft
— neaboriensis. Conical Chinese Juniper. 7'-8' Very formal narrow
pyramid. Prickly leaves. Useful accent plant—very hardy.
$1\frac{1}{2}$ to 2 ft
2 to 2½ ft
$\frac{2}{3}$ to $\frac{3}{2}$ ft
3½ ft8.00
- oblonga. 7'-8' Forms broad irregular pyramid with feathery
branches. Grayish foliage shaded purple in winter. Distinct.
1½ to 2 ft
2 to 2½ ft
3 to 3½ ft 7.50 70.00
— pfitzeriana. Pfitzer Juniper. 5'-6' Broad bushy habit. Gray-green
foliage, giving feathery appearance. Adaptable and hardy. Recommended for mass or mixed planting.
15 to 18 in
2 to 2½ ft 6.00 55.00
2½ to 3 ft
— sargenti. Sargent Juniper. $1\frac{1}{2}$ Prostrate habit, grass-green foliage. A very hardy valuable ground cover and rock plant.
12 to 15 in
15 to 18 in
2 ft
communis. Common Juniper. $2'-2\frac{1}{2}'$ Forms a vase-shaped bush.
12 to 15 in
15 to 18 in
1½ to 2 ft
2½ ft
— aurea. Golden Common Juniper. $1'-1\frac{1}{2}'$ Low spreading habit.
Golden foliage, particularly bright in spring.
12 to 15 in
2 to $2\frac{1}{2}$ ft. spread
— canadensis. Canada Juniper. 2½'-3' Forms low vase-shaped bush. Leaves dark green above, bluish beneath.
12 to 15 in
15 to 18 in
2 to 2½ ft 4.00 35.00

46	EVERGREENS AND CONIF	FERS
		Each Per 10
JUNIPERUS	communis cracovica. Polish Jubranching from ground, making very 12 to 15 in	
	15 to 18 in	2.50 22.00
	$1\frac{1}{2}$ to 2 ft	3.00 28.00
	2 to 2½ ft	4.00 38.00
— depre	essa plumosa. Plumed Spreading ingly hardy, transplants readily, assured to 18 in	Juniper. New, exceedmes purple color in winter. 5.00
hiber	nica. Irish Juniper. 7'-8' Useful	
	12 to 15 in	1.50 14.00
	15 to 18 in	1.75 15.00
	1½ to 2 ft	2.25 20.00 3.00 28.00
	$2\frac{1}{2}$ to 3 ft	4.00 35.00
	3 ft	5.00
— prosti	rata. Prostrate Common Juniper. almost along ground—a useful grou	and cover and rock plant.
	15 to 18 in	2.00 18.00 2.75 25.00
	2 to 2½ ft	3.50 30.00
	2½ to 3 ft	5.00
- suecio	1 0	
	12 to 15 in	1.50 14.00 1.75 16.00
	1½ to 2 ft	2.50 22.00
	$\frac{2}{21/6}$ to $\frac{21}{2}$ ft	3.25 30.00
	2½ ft	4.50 40.00
— — na	ana. Dwarf Swedish Juniper. 3'-3', column of slow growth. Good for	undation or rockery plant.
	12 to 15 in	1.75 15.00
	15 to 18 in	2.25 20.00 2.75
conferta	(litoralis). Shore Juniper. 1'-1½ on sandy places or seaside planting.	' Prostrate habit, useful
	1½ to 2 ft	
	2 to 2½ ft	
excelsa	pyramid. Foliage gray-green—most	useful for formal effects.
	12 to 15 in	2.50 22.00 3.00 28.00
		4.50 42.00
	2 to 2½ ft	5.00
	2½ ft 3 ft	7.50 10.00
horizont	ralis (sabina prostrata). Creeping So	
1101120110	trail along ground. Good for rock v	work and ground covering.
	15 to 18 in	1.75 16.00
	1½ to 2 ft	2.75 25.00 3.50
المنابعة الم	2 to 2½ ft	
— doug	lasi. Waukegan Juniper. 1'-1½' along ground. Steely-blue foliage.	A splendid ground cover,
	also effective among rock. Distir	nct purple hue in winter.
	12 to 15 in	2.00 18.00
	15 to 18 in	3.00

EVERGREENS AND CONIFERS 47 Each Per 10 JUNIPERUS japonica. Japanese Juniper. 3'-4' Low grower, spreading branches, dark green scaly leaves; adapted to rock planting and foundation work. This is one of the hardiest evergreens retaining its rich green throughout the winter. 20.00 25.00 1½ to 2 ft..... 4.00 10 in..... 2.25 20.00 12 in..... 2.75 25.00 15 in..... 3.50 — aurea. Golden Japanese Juniper. 2'-3' Slow growing, compact. 15 to 18 in 3.50 - variegata. Golden Variegated Juniper. 2'-2½' Attractive. Savin. 6'-7' Dense dark green foliage. Spreading branches forming irregular vase-shaped bush. Good throughout winter. 15 to 18 in 3.00 28.00 $1\frac{1}{2}$ to 2 ft..... 3.50 — tamariscifolia. Tamarix Juniper. 1'-1½' Flat, spreading, making compact but soft texture in low evergreen planting; gray green. 12 to 15 in 2.75 $1\frac{1}{2}$ to 2 ft. spread 4.50 ft. spread 6.00 squamata meyeri. Meyer Juniper. 3'-4' Distinct blue glaucous foliage. 4.50 5.50 - variegata. Variegated spreading type, pronounced white branchlets. 12 to 15 in 15 to 18 in 5.00 virginiana. Redcedar. 25'-30' Useful in formal work or mixed plantings. to 4 ft 5.00 ft..... 7.50 — alba spica. Variegated Redcedar. An upright form with graceful pendulus branchlets and prominent white markings. Hardy. 1½ to 2 ft..... 4.00 2 to 2½ ft..... 5.50 - burki. Burk's Juniper. Distinct blue, forming a dense soft column. 2½ to 3 ft..... 6.00 7.00 3 to 3½ ft..... 8.00 3½ to 4 ft..... - cannarti. Cannart Cedar. 12'-15' Very deep rich blackest green foliage. Dense growing columnar form. Very hardy.

 elegantissima. Goldtip Redcedar. 12'-15' Bright yellow tips to branches, turning bronze in winter. Attractive variety.

48	EVEF	RGREENS	S AND CO	VIFERS		
				Each	Per 10	Per 100
JUNIPERUS	S virginiana bluish-gra	v foliage.	Develops in	dcedar. to a tall n	15'-20'	Distinct
	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	ft ft ft ft		5.00 6.00 7.50 8.50	45.00 55.00 70.00	
pend	lula. Weepii	ng Redce	dar. 8′-10	' Branch	ies lengt!	
	droop ove $\frac{3}{1}$ to $\frac{3}{1}$	r, giving a	. picturesque	effect wh	en more	mature.
— scho	tti. Schott F pact form	Redcedar. al columna	12'-15' Ha ar habit. Go	is fresh gro od winter	en foliag color, qui	e. Com- te hardy.
	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	ft ft ft ft		4.50 5.50 7.00 8.50 10.00		
— tripa	rtita. Fount	ain Redce	dar. 4'-5'	Upright, s _l	preading,	feathery.
	an. See Hor					
KALMIA la		s of pink	ı <i>rel. 5'-7'</i> flowers open. hardiest of r	Good fo	oliage, lik	es shade.
		Nursery C	Frown Clump	os		
		Collect	ed Clumps			180.00 200.00 250.00
	$\frac{2}{2\frac{1}{2}}$ to $\frac{2\frac{1}{2}}{2}$	ft ft		3.50 5.00	30.00 45.00	250.00 350.00
LEIOPHYL	LUM buxifoli in June, le	ium. San aves are si	nd Myrtle. I nall. Good	18" Small ground co	pale pinl over or ro	k flower
LEUCOTHO	Splendid f	Iay. Hand for under	dsome lustrou planting in	ıs leaves, r shade. P	ich autur. refers mo	nn color.
	12 to 15 15 to 18	in in		1.75 2.50	16.00 22.00	
LONICERA	pileata. Pr 2 yr** 3" pots	ivet Hone	ysuckle. 2	Needs so	me prote 8.00 6.00	ction.
MAHONIA						g green
	leaves turn yellow flo 12 to 15	wers appea	arlet in autur ar—blue-blach	k fruits. I	3est in ha	ay when lf shade.
bealei.		n; thick up ke blue-bla	right branche ack berries.	es. Yellow	flowers	followed
MITCHELL.	A repens. P	artridge .	Berry. 4''-6	6" Delica	te pink f	
	for ground	d cover in		Thick gre		
	Clump			.60	5.00	40.00

Each Per 10 Per 100

PACHISTIMA canbyi. Canby Pachistima. 3"-4" An excellent ground cover with leathery box-like leaves. Forms a dense green carpet. 3" pots 1.00 8.00 PACHYSANDRA terminalis. Japanese Spurge, 8" Valuable evergreen ground cover. 2.00 18.00 PICEA canadensis (alba). White Spruce. 50'-60' Silvery foliage—develops into shapely specimen of close texture. Rather slow growing.
 12
 to
 15
 in
 1.75

 15
 to
 18
 in
 2.00

 1½ to
 2
 ft
 2.75

 2
 to
 2½ ft
 3.50

 2½ to
 3
 ft
 5.00
 16.00 1.800 glauca conica (albertiana). Dwarf Alberta Spruce. 4' A dense cone of blue-green, very hardy. A gem for the rock garden. 8 to 10 in 10 to 12 in 4.00 excelsa. Norway Spruce. 80'-100' A quick-growing windbreak. 12 to 15 in ... 1.35 15 to 18 in 1.75 16.00 20.00 28.00 conica. Arrowhead Norway Spruce. 6'-7' Grows slowly; compact and symmetrical. Good for foundation or formal work. 2.00 18.00

3.00

- procumbens. Prostrate Norway Spruce. 1½'-2' Interesting semitrailing spruce, slow growth, excellent for rockery.

2½" pots..... 1.75

orientalis. Oriental Spruce. 50'-60' Splendid symmetrical specimen.

Deep green glossy needles. Graceful habit, slow grower. ft..... 4.00

pungens. Colorado Spruce. 60'-80' Branches in distinct whorls, forming a handsome lawn specimen. Gray-green needles.

20.00 15 to 18 in 2.75 25.00 3 to 3½ ft..... 8.50

glauca. Colorado Blue Spruce. 60'-80' Steel blue needles.

12 to 15 in 2.75 15 to 18 in 3.50

PIERIS japonica. Japanese Andromeda. 4'-5' Thick shiny leaves turning bronze in winter. Drooping clusters of small white flowers open in May. Best in moist, partially shaded place.

10 to 12 in 2.75

floribunda. Mountain Andromeda. 4' Waxy white flowers in May. Good deep green foliage, best in half shady places, very hardy.

12 to 15 in 3.75

15 to 18 in 5.00

mariana. See page 24.

Each Per 10 Per 100
PINUS cembra. Swiss Stone Pine. 20'–25' Thin bluish-green needles and close growth give soft texture. Symmetrical blunt pyramid when young. Grows slowly—quite hardy.
12 to 15 in
densiflora. Japanese Red Pine. 40'-50' Long bright green needles. Succeeds well at seashore—grows quickly, bushy plants.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
 umbraculifera (Tanyosho). Japanese Umbrella Pine. 3'-4' A dwarf variety in which the branches form a flat-topped table-like bush. A handsome and useful dwarf evergreen.
1½ to 2 ft
montana mughus. Mugho Pine. 2½'-3' Forms a round-topped bush. Useful for rock planting and foundation work.
10 to 12 in
nigra (austriaca). Austrian Pine, $60'-70'$ Rich dark green, vigorous, dense grower. Good for background—thrives at seashore.
2 to 2½ ft
ponderosa. Bull Pine. 80'-100' Irregular picturesque outline.
2½ to 3 ft 3.00 3 to 4 ft 4.50
resinosa. Red Pine. 60'-70' Dark green stiff needles, vigorous symmetrical growth, very hardy.
6 to 7 ft., specimens 20.00 7 to 8 ft., specimens 25.00
strobus. White Pine. 80'-100' Probably our most adaptable and useful pine. Very picturesque when old. Grows quickly. 3 to 4 ft
sylvestris. Scotch Pine. 60'-70' Rather short blue-green twisted
needles. Does well on poor soils. Picturesque when old. 2 to 2½ ft
thunbergii. Japanese Black Pine. 50'-60' Stiff dark green needles. Good for seaside planting.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
POTENTILLA tridentata. Wineleaf Cinquefoil. 8" Dark green leaves in threes; forms compact little bush, white flowers May–June. 2 yr

EVERGREENS AND CONIFERS 51
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
PYRACANTHA coccinea lalandi. Laland Firethorn. 10'-12' Small dark green leaves; upright branches with few lateralsSmall white flowers followed by large clusters of bright orange berries. Best with slight shelter.
2 yr 1.00 8.00
RETINOSPORA obtusa (CHAMAECYPARIS). Hinoki Cypress. 15'–20' Dark green lustrous foliage, grows slowly, beautiful specimen 15 to 18 in 2.75 25.00 1½ to 2 ft 3.00 28.00 2 to 2½ ft 4.00 3½ ft 12.50
— compacta. Football Cypress. 2½'-4' Almost spherical in shape. Good green during winter—useful in foundation planting. 12 to 15 in
 crippsi. Cripps Golden Cypress. 10'-12' Particularly good golden leaved form Slow growing—hardy. Bright yellow all year. to 15 in
— gracilis. Slender Hinoki Cypress. 12'-15' Narrow irregular
pyramid, rich dark green foliage. Slow grower—picturesque. 2 to $2\frac{1}{2}$ ft. 5.00 $2\frac{1}{2}$ to 3 ft. 6.00
— — compacta. Compact Hinoki Cypress. 4'-5' Very slow and compact grower. Roughly pyramidal in outline—rare. 2 ft
— nana. Dwarf Hinoki Cypress. 2'-2½' Forms a dense irregular little mass, useful for rock gardens. Our plants are potgrown. 3" pots
- youngi. Young Golden Cypress. 12'-15' Graceful loose habit,
light yellow foliage on outside of bush. A handsome plant. 2 to $2\frac{1}{2}$ ft. 4.50 $2\frac{1}{2}$ to 3 ft 6.00 3 to $3\frac{1}{2}$ ft 7.50 $3\frac{1}{2}$ to 4 ft 10.00
pisifera. Sawara Cypress. 25'–35' Quick grower, loosely pyramidal.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
- aurea. Golden Sawara Cypress. 25'-35' Foliage bright yellow,
especially in spring. Branches droop when older. 1½ to 2 ft

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Each
                                                                                                                  Per 10
RETINOSPORA filifera. Thread Cypress. 15'-20' Has long, stringy, drooping branches, bright green foliage—graceful, decorative.
                            15 to 18 in .....
                                                                                                    2.75
                                                                                                                   25.00
                                                                                                  4.00
                           1.\frac{1}{2} to 2 ft.....
                                                                                                                    35.00
                           2 to 2½ ft.....
                                                                                                                   45.00
                           2½ to 3 ft. 6.00
                           3 to 3½ ft.....
                                                                                                     7.50
         - aurea. Golden Thread Cypress. 10'-12' Bright golden yellow.
                               Grows slower than preceding. Useful in small plantings.
                            10 to 12 in .....
                                                                                                     2.50
                            12 to 15 in .....
                                                                                                     3.00
                            15 to 18 in .....
                                                                                                     4.00
                           2½ ft., specimens
                                                                                                  12.50
                     nova. Variegated Thread Cypress. 10'-12' Branches are
                               variegated green and yellow. Rather irregular in outline.
                            12 to 15 in .....
                                                                                                    3.00
                            15 to 18 in .....
                                                                                                     4.00
                            1\frac{1}{2} to 2 ft.....
                                                                                                      5.00
         plumosa. Plume Cypress. 25'-35' Forms a dense cone of fine texture.
                               Used for shearing into formal shapes. These are fine plants.
                           15 to 18 in 2.00 18.00 1½ to 2 ft. 2.50 22.00 2½ to 3 ft 5.00 45.00 3½ to 4 ft. 8.50 4 ft. 10.00 5 ft. 9.00 5 ft. 9.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 6

    lutescens. Dwarf Yellow Plume Cypress. 2½'-3' Forms a low
broad round-topped bush. Bright silver tipped branchlets.

                            18.00
                                                                                                   2.50
3.50
5.00
                            12 to 15 in .....
                                                                                                                      22.00
                            15 to 18 in .....
                                                                                                                   30.00
                            1½ to 2 ft.....
         squarrosa veitchi. Veitch Moss Cypress. 25'-30' Foliage blue-gray, feathery and dense, giving soft woolly appearance. Broad pyramidal outline when young. Well furnished specimens.
                            15 to 18 in 2.50
1½ to 2 ft 3.00
2 to 2½ ft 4.00
2½ to 3 ft 5.00
3 to 3½ ft 7.50
3½ to 4 ft 9.00
                                                                                                                   22.00
                                                                                                                   27.00
38.00
                                                                                                                      45.00
            - sulphurea. Sulphur Moss Cypress. 20'-25' Similar in growth to
                                Veitch's but has light vellow tips.
                            15 to 18 in .....
                                                                                                       2.25
                            1\frac{1}{2} to 2 ft.....
                                                                                                       3.00
          thyoides leptoclada. Andely Cypress. 5'-6' Broad columnar habit,
                             branching from ground. Bluish-green foliage.
                            2 to 2½ ft. 4.00
2½ to 3 ft. 5.00
```

EVERGREENS AND CONIFERS 53
RETINOSPORA thyoides leptoclada ericoides. Heath Retinospora. 3'-4' Has heather-like leaves, giving woolly effect. A broad bush. 15 to 18 in
RHODODLNDRON carolinianum. Carolina Rhododendron. 4'-6' Bright pink flowers, May-June. Compact, bushy. Best in open places. Bushy Nursery Grown Clumps
15 to 18 in 5.00 45.00 1½ to 2 ft 6.00 55.00 2 to 2½ ft 7.00
- album. White Carolina Rhododendron. 4'-6' Similar to type, but has white flowers. Foliage slightly larger. Bushy Nursery Grown Clumps
15 to 18 in 5.00 45.50 1½ to 2 ft 6.00 55.00 2 to 2½ ft 7.50
catawbiense. Catawba Rhododendron. 6'-9' Large rosy-purple flowers, May-June. Deep green leaves. Bushy Nursery Grown Clumps
15 to 18 in
Abraham Lincoln. Bright Red. Album elegans. Blush pink to white. Tall. Caractacus. Crimson, tinged purple. Charles Bagley. Deep scarlet. Delicatissimum. Flesh pink. Everestianum. Rosy lilac, yellow throat. F. D. Godman. Red. General Grant. Rosy Red. Kettledrum. Red. Lady Armstrong. Pale rose, very spotted. Mrs. C. S. Sargent. Pink. Parson's grandiflorum. Bright Carmine. Purpureum elegans. Fine purple. Purpureum grandiflorum. Rosy purple. Roseum superbum. Rosy red.
MIXED HYBRIDS 15 to 18 in
maximum. Rosebay Rhododendron. 8'-12' Beautiful light pink flowers freely produced in May-June. Large handsome foliage—most effective in masses where shaded from hot sun. Nursery Grown Clumps
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
2 to 2½ ft 3.00 25.00 2½ to 3 ft 4.00 35.00 3 to 4 ft 5.00 45.00 4 to 5 ft 7.50 65.00 5 to 6 ft 11.00 100.00

Special rates on carload or quantity orders.

Each Per 10 Per 100

	Each Per 10 Per 100
RHODODENDRON minus. Piedmont Rhodo	
open grower—rose-pink flowers in	
Bushy Nursery Grown Clu	-
15 to 18 in	5.00 6.00
2 to 2½ ft	7.50
SHORTIA galacifolia. Oconee Bells. 6" Splend for shade. Large heart-shaped leat	did evergreen ground cover
2 yr	.60 5.00 40.00
STRANVAESIA davidiana. 10'-15' Handsom	
tically evergreen; attractive white f pea-sized scarlet berries.	lowers, June, followed by
2 yr	1.25 10.00
TAXUS baccata compacta. 3'-4' Neat, compa	ct, short deep-green leaves. 3.00
— erecta. Shortleaf English Yew. 3'-5'	Compact, upright. Stiff
dark green leaves crowded on bran	
15 to 18 in	3.00
— repandens. Spreading English Yew. 11	6'-2' Spreading horizontal
branches, dark green leaves. Good	
12 to 15 in	
15 to 18 in	3.50 30.00
$1\frac{1}{2}$ to 2 ft	5.00
canadensis. Canada Yew. 2'-21/2' Spread	
Prefers shade—good for underplan	_
12 to 15 in	2.50 22.00 3.50 32.00
15 to 18 in	5.00
cuspidata. Japanese Yew. 4'-5' (Spreadin	a form) Rich dark green
leaves—spreading, bushy. Valuat	-
	2.75 25.00
15 to 18 in	4.00 35.00
1½ to 2 ft	5.50 50.00 8.00 75.00
2½ ft	10.00
3 ft	12.50
— nana (brevifolia). Dwarf Japanese Yew.	2'-3' Broad thick leaves.
blackish green. Slow growing, it	
12 to 15 in	4.00 36.00
15 to 18 in	6.00 55.00
media. A new form that will undoubtedly be blackish-green thick leaves of "bre- "cuspidata." Very hardy.	be popular. It has the rich vifolia" and robust habit of
12 to 15 in	3.00 28.00
THUJA lobbi atrovirens. Rich shining deep gre	en fleshy leaves-vigorous.
1½ to 2 ft	3.00
2^{-2} to $2\frac{1}{2}$ ft	4.00
2½ to 3 ft	5.00 6.00
3 to 3½ ft	7.50

EVERGREENS AND CONIFERS	55
Each Per 10	
THUJA occidentalis. America Arborvitae. 15'-30' Slender pyram with broad base. Bronzy winter coloring—good accent plan	id nt.
1½ to 2 ft	
2 to 2½ ft	
3 to $3\frac{1}{2}$ ft 5.00 45.00	
-/4	
4 to 5 ft	
 columbia. Columbia Arborvitae. 6'-10' Branches tipped wi silvery white. Formal narrow pyramid. 	th
1½ to 2 ft 3.50	
2 to 2½ ft	
 compacta. Parsons Dwarf Arborvitae. 2½'-4' Almost glol shaped—bright green. Useful in formal planting. 	sc
12 to 15 in 2.00 18.00	
15 to 18 in	
· · · · · · · · · · · · · · · · · · ·	,
— douglasi aurea. Douglas Golden Arborvitae. 10'-15' A broad pyramid with golden-green foliage. 1½ to 2 ft	10
2 to 2½ ft	
2½ to 3 ft	
3 to 3½ ft	
3½ to 4 ft	
 elegantissima. Golden Tipped Arborvitae. 10'-15' Branches spring tipped with yellow. Rich lustrous green otherwis 	in se.
1½ to 2 ft	
2 to 2½ tt	
2 to 2½ ft. 4.00 2½ to 3 ft. 5.00 3 to 3½ ft. 6.50	
3½ to 4 ft 8.50	
— ellwangeriana. Tom Thumb Arborvitae. 4'-6' Has heather-li leaves—dense habit—soft close texture. Purple winter colorin	ke g.
12 to 15 in	-
15 to 18 in	
$1\frac{1}{2}$ to 2 ft	
— globosa. Globe Arborvitae. 2½′-3′ Useful in formal wor Naturally compact globe shaped, needs no trimming.	k.
10 to 12 in	
12 to 15 in	
1½ ft	
2 ft	
 hoveyi. Hovey Arborvitae. 3'-4' Oval in shape, nearly as bro as high. Bright green foliage. 	ad
12 to 15 in	
15 to 18 in	
1½ to 2 ft	
 lutea. Geo. Peabody Arborvitae. 10'-15' Conspicuous gold- yellow form—columnar outline. A distinctive lawn plan 	en at.
1½ to 2 ft	
2 to 2½ ft	
2½ to 3 ft	

Each Per 10 THUJA occidentalis plicata. Moss Arborvitae. 10'-20' Rich deep bluegreen foliage. Short stiff fern-like branches give pleasing effect in light and shade. Formal slender pyramid—hardy. 1½ to 2 ft..... 2.50 22.00 3.00 27.00 4.25 40.00 5.50 50.00 31/2 to 4 ft..... 6.50 2'-21/2' A compact dwarf form -dark green, quite hardy. - pumila. 12 to 15 in. 1.75 15 to 18 in..... 2.50 3.50 1 ½ to 2 ft...... pyramidalis. Pyramidal Arborvitae. 15'-30' Retains bright green coloring throughout winter. Narrow columnar shape. Splendid for accents or formal planting. 1½ to 2 ft 3.00 27.00 3.50 32.00 4.50 42.00 6.00 55.00 11.00 recurva nana. Little Gem Arborvitae. 2' A real gem for the rock garden. Grows broader than it does in height. Hardy, 12 to 15 in 3.00 -rosenthali. Rosenthal Arborvitae. 6'-10' Dense rugged columnar form. Slow grower—good green in winter. A fine variety. $2\frac{1}{2}$ to 3 ft 6.00 55.00 umbraculifera. Umbrella Arborvitae. 2'-3' Particularly good low mushroom shaped form with rich green foliage. 12 to 15 in..... 2.50 22.00 15 to 18 in 3.00 1½ to ·2 ft 4.00 - vervaeneana. Vervaena Arborvitae. 8'-12' Variegated greenish yellow foliage, bronzy in winter. Broadly pyramidal—hardy. 1½ to 2 ft..... 2.75 25.00 3.50 5.00 32.00 45.00 6.00 3½ to 4 ft 7.50 - wareana (sibirica). Siberian Arborvitae. 12'-15' Light green fleshy foliage. Broadly pyramidal—rugged appearance. 18.00 13 to 16 to 17 to 17 to 18 to 19 to 22.00 32.00 45.00 7.50 70.00 standishi. Standish Arborvitae 15'-20' Has fleshy scale-like leaves and coarse growth. Assumes bronze tones in winter. $1\frac{1}{2}$ to 2 ft..... 3.00 2½ ft..... 2 to 5.00

2½ to

3 ft.....

6.50

Each Per 10 Per 100

Each Per 10 Per 100 THUJA orientalis (BIOTA). Oriental Arborvitae. 20'-25' Rather stiff					
columnar habit—bright green foliage, bronze in winter.					
$\begin{array}{cccccccccccccccccccccccccccccccccccc$					
- aurea conspicua (BIOTA.) Goldspire Arborvitae. 7'-8' Golden					
yellow in spring, bronze yellow in winter. Distinctive.					
- compacta (BIOTA). Seibold Arborvitue. 3'-4' Forms a compact					
oval-shaped specimen. Good persistent fresh green color.					
$\begin{array}{cccccccccccccccccccccccccccccccccccc$					
— elegantissima (BIOTA). Yellow Column Arborvitae. 7'-8' Assumes rich deep golden bronze color in winter—handsome.					
1½ to 2 ft					
— nana aurea (BIOTA). Berckman Golden Arborvitae. 2½'-3' A gem					
for dwarf planting—compact roundish shape, warm golden yellow foliage. Especially good for formal work and edging.					
8 to 10 in 2.00 18.00 10 to 12 in 2.50 22.00 12 to 15 in 3.00 27.00 15 to 18 in 4.00 36.00 1½ ft. 5.00					
TSUGA canadensis. Canada Hemlock. 75'-90' Most graceful and adaptable. Useful as clipped hedge or informal planting.					
1½ to 2 ft 3.00 27.50 2 to 2½ ft. 5.00 45.00 2½ to 3½ ft. 6.50 60.00 3 to 3½ ft. 8.00 75.00 3½ to 4 ft. 10.00 4 to 4½ ft 12.00 4½ to 5 ft. 15.00 5 to 6 ft. 17.50					
caroliniana. Carolina Hemlock. 50'-60' Particularly fine evergreen.					
2½ ft					
VIBURNUM rhytidophyllum. Leatherleaf Viburnum. 6'-8' Large oblong leaves, deep green above, gray beneath—bright red berries—a bold handsome shrub but needs a sheltered place. 12 to 15 in					
6 in. pots. 1.75 16.00					
VINCA minor. Periwinkle, Myrtle. 4" Evergreen ground cover. Delicate lilac-blue flowers in spring. Succeeds best in shade. Pot grown					
YUCCA filamentosa. Adam's Needle. 2'-3' Tall creamy flower spikes.					

Herbaceous Perennials

All Herbaceous Perennials are grown at our F. & F. Nurseries, Springfield, N. J.

ALPINE AND ROCK PLANTS LISTED SEPARA	ATEL	Y ON PA	GE 69.
	Each	Per 10	
ACHILLEA ageratum. 2' Yellow, June-Aug	.25	2.00	18.00
millefolium rosea. Pink Yarrow. 2' Pink,	0.5		40.00
June-Sept	.25	2.00	18.00
ptarmica Boule de Niege. Ball of Snow Yar- row. 18" White June-Sept	.25	2.00	18.00
ptarmica The Pearl. 2' Db. white, June''Sept.	.25	2.00	18.00
tomentosa. Woolly Yarrow. 1' Yel., June	.35	2.50	20.00
ACONITUM fischeri. Azure Monkshood. 21/2	.55	2.50	20.00
Dark blue, Sept.—Oct.	.50	4.00	35.00
napellus. Aconite. 3' Dark blue, July"Aug.	.75	6.00	
Spark's variety. Spark's Monkshood. 4'-5'	***	0.00	
Blue, June-July	.50	4.00	35.00
AETHIONEMA grandiflorum. Persian Stonecress.			
9" Rose pink, May-June	.50	4.00	35.00
ALTHAEA. Hollyhock. Single and double. Red,			
pink, white, yellow, in separate colors. July-Aug	.25	2.00	18.00
ALYSSUM saxatile compactum. Dwarf Golden	•43	2.00	10.00
Tuft. 1' Yellow, April	.25	2.00	18.00
ANCHUSA italica dropmore. Italian Bugloss. 3'			
Blue, June-Sept.	.25	2.00	18.00
myosotidiflora. Siberian Bugloss. 3'Blue, May	.40	3.00	25.00
ANDROSACE chumbyi. Rock Jasmine. 4" Pink,			
April-May	.60	5.00	
ANEMONE japonica alba. Japanese Anemone.			
2½' White, SeptOct	.40	3.00	20.00
— Mont Rose. $2\frac{1}{2}$ Double pink, Sept.—Oct.	.40	3.00	20.00
- Prince Henry. 2' Red, SeptOct	.40	3.00	20.00
— Queen Charlotte. 2½' Semi-Double,pink,	4.0	7.00	00.00
SeptOct.	.40	3.00	20.00
— rubra. 2½' Red, Sept.—Oct	.40	3.00	20.00
- Whirlwind. 2½' Semi-Dbl., white, Sept. Oct.	.40	3.00	20.00
pulsatilla. European Pasqueflower. 10" Violet, April–May	.50	3.50	25.00
ANTHEMIS tinctoria Kelwayi. Kelway Camo-	.50	3.30	23.00
mile. 2' Yellow, June-Oct	.25	2.00	18.00
AQUILEGIA. Long-spurred hybrids. 2½' Vari-			
ous colors. May-June	.25	2.00	18.00
candidissima. 11/2' White, May	.25	2.00	18.00
- coerulea. Colorado Columbine. 18" Blue	.35	2.50	20.00
and white, Maychrysantha. Golden Columbine. 2½' Yellow	.55	2.30	20.00
shades, May-June.	.25	2.00	18.00
shades, May-June Mrs. Scott Elliot hybrids. 3½'-3' Various			
colors, May-June	.35	2.50	20.00
Snow Queen. 2½' Best white, May–June Rose Queen. 2½' Best pink. May–June	.25 .35	2.50	20.00
ARABIS alpina. Alpine Rock Cress. 6" White,		2.50	20.00
April-May	.35	2.50	20.00
 flore pleno. Double Rock Cress. 6" White, 		. 0.5	70.00
April-May	.50	4.00	30.00
ARCTOSTAPHYLAS. See Evergreens, page 41.			

		D 40	
ARENARIA balearica. Corsican Sandwort. 2"	Each	Per 10	Per 100
White, June-Sept	.35	2.50	20.00
montana. Mountain Sandwort. 3" White,May ARMERIA. See STATICE.	.35	2.50	20.00
ARTEMISIA abrotanum lactiflora. Mugwort. 4'			
White, Aug Oct	.40	3.50	25.00
ASCLEPIAS tuberosa. Butterfly Weed. 2' Orange,	25	2.00	10.00
July-Aug	.25	2.00	18.00
	.40	3.50	20.00 25.00
Barr's Pink. 4' Large pink	.30	2.50	20.00
Blue Gem. 3'-4' Double rich blue	.40	3.50	25.00
Charm. 3' Double violet-blue	.35	3.00	20.00
Climax. 4'-5' Lavender-blue—a beauty	.30	2.50	20.00
-	.30	2.50	20.00
Delicata. 2'-3' Pink Elta, 3'-4' Pale lilac, choice double	.40	3.50	25.00
Maggie Perry. 3' Large mauve	.30	2.50	20.00
Mauve Cushion. I' A new unusual plant,	.50	2.30	20.00
free flowering, delicate mauve	.35	3.00	25.00
Nancy Ballard. 3'-4' Semi-double purple	.35	3.00	25.00
Nova Belgii. 4' Deep lavender	.30	2.50	20.00
Perry's White. 3'-4' Fine white	.35	3.00	25.00
Ryecroft Pink. 4'	.30	2.50	20.00
Sam Banham. 3'-4' White	.30	2.50	20.00
sub coeruleus. 12" Mauve, June-July	.30	2.50	20.00
ASTILBE Gloria. 2' Pink. June–July	.75	6.00	50.00
Gladstone. 2' White, June-July.	.75	6.00	50.00
AUBRETIA deltoides. 2' Purple shades, Apr.—May	.50	3.50	25.00
BAPTISIA australis. Blue Indigo. 3' May-June	.25	2.00	18.00
BELLIS perennis. English Daisy. 5" Pink, May	.25	2.00	18.00
— fl. pl. 6" Double pink and white, May	.25	2.00	18.00
— monstrosa rosea. 6" Pink, May	.25	2.00	18.00
BOLTONIA asteroides. White Boltonia. 4' White,	.25	2.00	18.00
AugSept	.25	2.00	18.00
latisquama nana. Dwarf Pinkray Boltonia. 2' Light pink, AugSept	.25	2.00	18.00
CALANDRINIA umbellata. Rock Purslane. 6"	.23	2.00	10.00
Crimson, June-Sept.	.35	3.00	20.00
CALTHA palustris. Marshmarigold. 1' Yel., May	.50	4.00	30.00
CAMPANULA carpatica. Carpathian Bellflower,			
6" Light blue, July	.30	2.50	20.00
— alba. White Carpathian Bellflower, 6" White, July-Aug	.30	2.50	20.00
garganica. 4" Light blue, June	.50	4.00	35.00
glomerata. Danesblood, 18" Dark blue,	.50	4.00	33.00
June-July	.50	4.00	35.00
latifolia macracantha. 3' June-July. Lilac and			
deep purple	.35	2.50	20.00
medium. Single Canterbury Bells, 2' Pink,	.25	2,00	18.00
blue, white; separate colors or mixed, June	.43	2,00	10.00
— calycanthema. Cup and Saucer, 2' Blue, pink, white; separate colors or mixed, June	.25	2.00	18.00
persicifolia grandiflora. Peach-leaved Bell-		_,,,,	
flower, 2' Blue, June-July	.30	2.50	20.00

OU HERDACEOUS PERENNIAL	2		
E	ach	Per 10	Per 100
CAMPANULA persicifolia alba. White Peach-leaved Bellflower, 2' White, June–July	.30	2.50	20.00
portenschlagiana. Dalmatian Bellflower. 4"	50	4.50	10.00
Blue, May-Junerotundifolia. Harebell. 9" Blue, June-Aug.	.50	4.50	40.00
	.40	3.50	25.00
CATANACHE coerulea. Blue Cupid's Dart. 2' Blue, July-Aug	.30	2.50	20.00
CENTAUREA dealbata. Persian Centaurea, 18"	.25	2.00	18.00
Pink, July–Augmontana. Cornflower, 1½′ Blue, July–Aug.	.25	2.00	18.00
	.25	2.00	18.00
— alba. 1½' White, June-Aug	.25	2.00	18.00
·	.23	2.00	10.00
- alba. White Jupiter's Beard. 2' White, June-Sept	.25	2.00	18.00
CERASTIUM tomentosum. Snow-in-Summer. 6" White, May-June	.35	2.50	20.00
CHELONE lyoni. Pink Turtlehead. 2½' Coral-			
pink, AugSept.	.35	2.50	20.00
CHRYSANTHEMUM articum. Arctic Daisy. 1½'	.35	2.50	20.00
White, SeptNov	.25	2.00	18.00
- Etoile d'Or. 2½' The best Shasta Daisy,	.23	2.00	10.00
White, July-Septparthenium fl. pl. Feverfew. 1½' Yellow,	.50	3.50	25.00
July-Oct	.35	2.50	20.00
uliginosum. Giant Daisy. 3' White, June-Sept.	.25	2.00	18.00
NAMED VARIETIES	.30	2.50	20.00
Bronze Doty. 2½ Pompom, mid-season. Fall	.60	5.00	40.00
Donkelaria. $2\frac{1}{2}$ ′ Large, early yellow.			
Firelight. 2½' Bright red.			
Globe d'Or. 18" Button, yellow, early.			
Mrs. Henry Vincent. 3' Large yellow. Marie DuPont. 3' Large white, mid-season.			
Queen of White. $2\frac{1}{2}$ White.			
Red Doty. $2\frac{1}{2}$ Pompom, red, mid-season.			
White Doty. $2\frac{1}{2}$ Pompom, white, mid-sease	on.		
Yellow Doty. 2½' Pompom, yellow, mid-sea			
CIMICIFUGA racemosa. Cohosh Bugbane. 3'-4'			
White, July-August. Useful for shrub-	.50	4.00	30.00
bery borderfoetida simplex. Kamchatka Bugbane. 2½′	.50	4.00	30.00
White, July-Aug	.60	5.00	40.00
CLEMATIS davidiana. Fragrant Tube Clematis, 3' White, AugSept	.50	4.00	35.00
integrifolia. 2' Solitary blue flowers, June-Aug.	.50	4.00	35.00
recta. Ground Clematis. 2½' Wh., June-July	.50	4.00	35.00
CONVALLARIA majalis. Lily-of-the-Valley. 9"			
White, May-June. Clumps	.75	6.00	50.00
Pips		2.00	10.00
COREOPSIS lanceolata grandiflora. Big Coreopsis. 2' Yellow, June-Oct	.25	2.00	18.00

	Each	Per 10	Per 100
DELPHINIUM belladonna. Larkspur, 2½' Light			
blue, June-Oct	.25	2.00	18.00
bellamosum. Larkspur. 2' Dk. blue, June-Oct.	.25	2.00	18.00
June-Oct	.25	2.00	18.00
album. White Slender Larkspur. 2' White, June-Oct	.25	2.00	18.00
elatum. Bee Larkspur. Blue, June-Oct	.25	2.00	18.00
formosum. Hardy Larkspur, 2½' Dark blue, June-Oct	.25	2.00	18.00
Gold Medal Hybrids. 2½' Finest strain procurable, June-Oct	.35	3.00	25.00
DIANTHUS allwoodi Jean. 1' Fragrant white,	40	7.50	25.00
May-Oct. ————————————————————————————————————	.40 .40	3.50 3.50	25.00 25.00
barbatus. Sweet William. 18" Double flower, May–June. White, Pink, Red—in separate colors, or mixed			
arate colors, or mixed	.25	2.00	18.00
deltoides. Maiden Pink. 8" Pink, May-June	.30	2.50	20.00
latifolius atrococcineus. Donble-cluster Pink. 1½' Scarlet, May–June	.25	2.00	18.00
plumarius semperflorens. Perpetual Pink.	.23	2.00	10.00
15" White and pink, May-June	.25	2.00	18.00
— Gertrude. 1' Red, May-June	.40	3.50	25.00
— Her Majesty. 10" Double white, May-June	.40	3.50	25.00
DICENTRA eximinia. Fringed Bleeding Heart. I' Pink, May-Aug	.50	4.00	30.00
formosa. Western Bleeding Heart. 1' Pink, May-Aug	.40	3.00	20.00
spectabilis. Bleeding Heart. 2' Pink and	.10	3.00	20.00
white, May–June	1.00	8.00	70.00
White, June–July. Fine in large masses	.60	5.00	40.00
- ruber. 2½′ Rosy-purple, June-July	.60	5.00	40.00
Yellow, June-July	.25	2.00	18.00
Giant Shirley. 4'–5' Wh. to deep pink, June–July	.35	2.50	20.00
purpurea. Common Foxglove. 2½' Purple,	.25	2.00	18.00
June-July———————————————————————————————	.25	2.00	18.00
— gloxiniaeflora. $3'-4'$ From rose to deep	•23	2.00	10.00
purple, June-July	.25	2.00	18.00
bane. 1½' Yellow, May, June DRACOCEPHALUM ruyschiana. Siberian Drag-	.75	6.00	50.00
onhead. 1' Blue, June-July	.40	3.50	25.00
ECHINACEA purpurea. Purple Coneflower. 3½'			
Purple, July-Aug.	.25	2.00	18.00
ECHINOPS ritro. Steel Globe Thistle, 3' Steel bue, July-Aug	.35	2.50	20.00
EPIGAEA repens. See Evergreens, page 43.			
ERIGERON speciosus. Oregon Fleabane. 2' Violet	-	2.72	26.25
blue June–July.	.35	2.50	20.00
Quakeress. 2½' Mauve, June-Oct	.50	3.50	25.00

11ENDACEOUS PERENINIAI	LO		
F	lach	Per 10	Per 100
ERYNGIUM amethystinum. Amethyst Eryngo. 2' Blue, July-Aug	.50	3.50	25.00
planum Funda 9/ Challila Lila Cart	.35	2.50	
planum. Eryngo. 2' Steel blue, July-Sept	.33	2.50	20.00
EUPATORIUM coelestinum. Blue Mist-Flower.	_		
2' Blue, AugOct	.25	2.00	18.00
urticaefolium. Snow Thoroughwort. 3'			
White, July-Sept	.25	2.00	18.00
FERNS-Adiatum pedatum. Am. Maidenhair 1'	.35	2.50	20.00
Aspidium acrostichoides. Silvery Spleenwort. 1'	.35	2.50	20.00
Asplenium filixfemina. Lady Fern. 2'-3'	.35	2.50	20.00
Dicksonia punctilobula. Gossamer Fern. 1½'-2'	.35	2.50	20.00
Pteretis nodulosa. Ostrich Fern. 2'	.50	3.50	25.00
	.50	3,30	23.00
FUNKIA subcordata grandiflora. White Plantain Lily. 18" White, July-Aug	.60	5.00	40.00
minor. Dwarf Plantain Lily. 8" White.			
Aug-Sept	.60	5.00	40.00
coerulea. Blue Plantain Lily. 18" Purplish			
blue. Inly-Aug.	.35	3.00	20.00
blue, July–Aug. variegata. Variegated Leaf Funkia. 18" Blue,	***************************************	3.00	20:00
July-Aug.	.25	2.00	18.00
GAILLARDIA grandiflora. Blanket Flower. 18"	.23	2.00	10.00
	25	2.00	18.00
Yellow, red, May-Nov.	.25	2.00	10.00
— compacta. Dwarf Blanket Flower. 15"	_		
Yellow and red, May-Nov.	.35	3.00	20.00
GAULTHERIA. See Evergreens, page 44.			
Dazzler. $1\frac{1}{2}$ New. Large red, May-Nov.	.50	4.00	30.00
	.50	1.00	30.00
GENTIANA andrewsi. Closed Gentian. 18" Blue,	75	2.50	20.00
AugOct.	.35	2.30	20.00
GEUM chiloense (coccinea). Chiloe Avens. 1'			
Red, June–Aug.	.35	2.50	20.00
— atrosanguineum. fl. pl. $1\frac{1}{2}$ Double red,			
May-July	.35	3.00	20.00
- Lady Stratheden, 18" Orange, June-Sept	.35	3.00	20.00
— Lady Stratheden. $18''$ Orange, June- Sept — Mrs. Bradshaw. $1\frac{1}{2}'$ Vivid red June-Sept.	.35	3.00	20.00
GLOBULARIA trichosanthes. Syrian Globe			
Daisy. 6" Violet blue. May-June	.35	3.00	20.00
The state of the s	.55	3.00	20.00
GRASSES—Festuca glauca. Dwarf Blue Stem			
Grass. 1'	.35	3.00	20.00
Miscanthus sinensis. Eulalia. 5'-6' Green. — gracillimus. Maiden Grass. 5' Green	.35	3.00	20.00
— gracillimus. Maiden Grass. 5' Green	.35	3.00	20.00
— variegatus. Variegated Eulalia. 4' — zebrimus. Striped Eulalia. 5'	.35	3.00	20.00
- zebrimus. Striped Eulalia, 5'	.50	3.50	25.00
Phalaris arundinaecea nicta Variedated			
Phalaris arundinaecea picta. Variegated Ribbon Grass. 2½'	.35	3.00	20.00
CVDCODILLA 1 1 D 1 2 D 1	.55	3.00	20.00
GYPSOPHILA paniculata. Baby's Breath. 2' White, June-July	2.5	2.00	10.00
White, June–July.	.25	2.00	18.00
- Bristol fairy. The best double 3 pots	1.25		
cerastioides. Monse-ear Gypsophylla. 4	40	7.50	25.00
White, Mayrepens. Creeping Gypsophylla. 4" White,	.40	3.50	23.00
	7.5	7.00	20.00
June-July.	.35	3.00	20.00
HELIANTHEMUM chamaecistus mutabile. Fickle	3.5	3.00	20.00
Surrose, o varioussnades, june-july	.35	3.00	25.00
Pride 9" White grow follows	.35	3.00	25.00
Mrs. Forlo 9" Sagriet	.35	3.00	25.00
Sunrose. 8" Variousshades, June-July — aureum. 8" Yellow, June-July — Bride. 8" White-gray foliage — Mrs. Earle. 8" Scarlet — Rose queen. 8" Pink, June-July	.35	3.00	25.00
— Rose queen. o Pink, June-July	.55	5.00	23.00

	Each	Per 10	Per 100
HELENIUM autumnale superba. Sneezeweed. 4'	7.0	2.50	20.00
Yellow, Aug.—Sept— — rubrum. 4' Reddish bronze, Aug.—Sept	.30	2.50	20.00 20.00
pumilum magnificum. Dwarf Sneezeweed.	.50	2.30	20.00
1'-1½' Yellow, July-Oct Riverton Gem. Bronze Sneezeweed. 3' Bronze,	.40	3.50	25.00
AugSept	.30	2.50	20.00
HELIANTHUS decapetalus Soliel d'or. Sun- flower. 4'-5' Yellow, AugSept	.25	2.00	18.00
HELIOPSIS pitcheriana. Heliopsis. 3' Yellow, July-Sept	.25	2.00	18.00
scabra excelsa. New 3' Rich yellow, semi- double July Oct	.40	3.50	25.00
HEMEROCALLIS flava. Lemon Day Lily. 2½'	7.5	3.00	20.00
Yellow, May	.35	2.00	20.00 18.00
fulva. Tawney Day Lily. 2½' Copper, July		3.50	25.00
- Dr. Regel. 1½' Orange, May	.40	2.00	18.00
thunbergi. 2½' Bright yellow, July-Oct	.45	2.00	10.00
HEPATICA triloba. Roundlobe Hepatica. 6" Blue, April–May	.35	3.00	25.00
HESPERIS matronalis. Dames Rocket. 2' Pink,	.00	3,00	20100
May-June	.25	2.00	18.00
— candidissima. 2½' White, May-July	.25	2:00	18.00
HEUCHERA americana. American Alumroot.			
2' Greenish white, June-Aug	.35	2.50	20.00
brizoides. Pinkbells. 1½' Pale pink, May-Sept	.50	4.00	30.00
Perry's white. $1\frac{1}{2}$ Pure white, June-Sept	.60	5.00	40.00
Pluie de Feu. 2' Fiery red, June-July	.60	5.00	40.00
sanguinea alba. Snowdrop. 1½' Wh., June-Sep.	.50	4.00	30.00
HIBISCUS moscheutos. Marshmallow. 5" Aug			22.22
Sept.	.30	2.50	20.00
White, Pink, Red, Crimson Eye	.30	2.50	20.00
HOLLYHOCK. See ALTHEA. In separate colors.			
IBERIS gibraltarica. Gibraltar Candytuft. 8"	7.5	2.50	20.00
Pale lilac, May	.35	2.50	20.00
sempervirens. Candytuft. 10" Wh., AprMay	.25	2.00	18.00
— Little Gem. 6" White, April	.40	3.50	30.00
IRIS cristata. Crested Iris. 4" Rich blue, May	.30	2.50	20.00
pumila cyanea. Dwarf Iris. 8" Purple, May	.25	2.00	18.00
— excelsa. 6" Yellow, May	.40	3.50	25.00
- Sambo. 6" Violet-blue, May	.30	2.00	18.00
— Schneecuppe. 6" White, May	.35	3.00	20.00
germanica. Fleur-de-lis. (German Iris.) 1½'-3'			
Alcazar—Purple and violet	.50	4.00	
Dr. Bernice—Bronze	.25	2.00	15.00
Florentina alba—White	.25	2.00	15.00
Her Majesty—Pink.	.25	2.00	15.00
Isoline—Smoky pink	.50	4.00	
La Niege. Splendid white	.50	4.00	0 = 0 5
Lohengrin—Mauve-rose	.35	3.00	25.00
Loreli—Yellow and purple	.35	3.00	25.00
Mad. Chereau—White pencilled blue	.25	2.00	15.00
Ma Mie. White pencilled blue	.50	4.00	

04 HENDACEOUS PENENNIA	LO		
IRIS germanica	Each	Per 10	Per 100
Mme. Pacquitte—Rosy claret	.25	2.00	15.00
Nibelungen—Bronze	.35	3.00	25.00
Pallida Dalmatica—Lavender	.50	4.00	30.00
Pallida Speciosa—Deep lavender	.35	2.50	20.00
Prosper Laugier—Bronze and pink	.40	3.50	25.00
Quaker Lady—Blue-yellow	.50	4.00	
Rhein Nixe-White-purple	.35	3.00	25.00
Sherwin Wright—Yellow	.50	4.00	
Assorted varieties, separate colors		2.00	15.00
kaempferi. Japanese Iris. 2'-2½' Named	.75	6.00	50.00
Bride—Plum red, wh. centre. Eclipse—Purplish red, tall. Frate—Lilac veined white. Gold Bound—Wh., yel. center. Helen J. C. Mt.H. Violet	Von	Siebold-	Viored.
Eclipse—Purplish red, tall. J. C.	Vaug	g <mark>han—</mark> Pu	re white.
Frate—Lilac veined white. Mt. H	ood-	Blue shad	ed darker.
siberica. Siberian Iris. 2' Purple, May-June	.25	2.00	18.00
— Perry's Blue. 3' Vivid blue, May-June	.50	3.50	25.00
Snow Queen. White Siberian Iris. 2'	0.5	2.00	10.00
White, May–June	.25	2.00	18.00
LATHYRUS latifolius. Pink Beauty. 2½' Pink,	.25	2.00	18.00
June-Aug White Pearl. 2½′ White, July-Aug	.25	2.00	18.00
LAVENDULA vera. Lavender. 18" Blue, July-Aug.	.25	2.00	18.00
— Munsted. Dwarf Lavendar. 1' Deep blue,	.23	2.00	10.00
July-Sept.	.35	3.00	25.00
LIATRIS spicata. Spike Gayfeather. 2½' Light	.55	3.00	23.00
purple, July-Sept	.25	2.00	18.00
pycnostachya. Cattail Gayfeather. 4' Pur-			
ple, July-Aug	.35	2.50	20.00
LINUM perenne. Blue Perennial Flax. I' June-July	.25	2.00	18.00
- album. White Flax. 1' White, June-July	.25	2.00	18.00
LOBELIA cardinalis. Cardinal Flower. 3' Red,			
July-Aug.	.35	2.50	20.00
siphilitica. Blue Lobelia. 2½' July–Sept	.35	2.50	20.00
LUPINUS polyphyllus. Lupine. 3' Blue, June-July	.35	3.00	25.00
— albiflorus. 3' White, June-July	.35	3.00	25.00
— Moerheimi. 2½' Pink, June-July	.35	3.00	25.00
LYCHNIS alpina. Arctic Campion, 6" Pink, Apr.	.35	3.00	20.00
chalcedonica. Maltese Cross. 2' Scarlet, June	.25	2.00	18.00
haageana. Haage Campion. 1' Scarlet, May.	.25	2.00	18.00
viscaria splendens. Rosepink Campion. 1'			
Crimson, May-June	.25	2.00	18.00
— alba. White Campion. I' May-June	.25	2.00	18.00
— fl. pl. 1' Double pink, May-June	.30	2.50	20.00
LYTHRUM salicaria roseum. Rose Loose-strife.	.30	2.50	20.00
2½' Pink, July-Aug MERTENSIA virginica. Virginia Bluebell. 1½'	*50	2.50	20.00
May-June	.25	2.00	18.00
MITCHELLA See Evergrenes page 48			
MONARDIA didyma. Oswego Bee Balm. 2½'	.25	2.00	18.00
Red, June-Aug	.43	2.00	10.00
Purplish pink, June-Aug	.25	2.00	18.00
MYOSOTIS scorpioides (palustris). Forget-Me-	0 =	0.00	10.00
Not. 10" Blue, May-Sept	.25	2.00 2.50	18.00
Barr's alpine blue. 6" New, clear blue, MayJuly	.55	2.30	20.00

TIENDACEOUS PENEININIAI	_0		03
E	ach	Per 10	Per 100
NEPETA mussini. Gray Catmint. 10" Mauve			
April-June	.25	2.00	18.00
NIEREMBERGIA rivularis. Whitecup. 4" White, June-Aug			
White, June-Aug	.35	2.50	20.00
OENOTHERA youngi. Evening Primrose. 2'			
Yellow, June-Aug	.25	2.00	18.00
missouriensis. Ozark Sundrops. 9" Yellow	.20	2.00	10.00
June-Aug	.35	2.50	20.00
Julie-Aug			
speciosa. White Sundrops. 18" Wh. Aug-Sep	.25	2.00	18.00
PACHYSANDRA terminalis. Japanese Spurge. 8"	.25	2.00	15.00
Pot grown, 80.00 thousand.			
PACHISTIMA. See Evergreens, page 49.			
PAEONIA. Peony.			
Baroness Schroeder. Blush white	1.50	12.50	
Delachi. Deep crimson	1.00	8.00	
Edouard Audre. Bright red	1.00	8.00	
Ediy Crousso Pallington	1.25	17.50	
Felix Crousse. Brilliant red	1.43	10.00 8.00	
Festiva maxima. White	25	20.00	
Louis Van Houtte Crimson	1.00	8.00	
Louis Van Houtte. Crimson Meissonier. Red	1.00	8.00	
Mons. Jules Elie. Pink	1.50	12.50	
Sarah Bernhardt. Fragrant Pink		20.00	
PAPAVER alpinum. Alpine Poppy. 10" Various			
colors, May-Sept	.25	2.00	18.00
nudicaule. Iceland Poppy. 1' May-June.	.25	2.00	18.00
— Beauty of Livermore. 2½′ Crimson	.50	4.00	30.00
- Mrs. Perry. 2½' Orange, June-July	.40	3.50	30.00
orientalis. Perry's White 2½' June-July	.35	3.00	25.00
Princess Victoria Louise. 2½' Pink,	.40	3.50	30.00
— Royal Scarlet. 2½' Vivid scarlet, June–July	.40	3.50	30.00
PENTSTEMON torreyi. Torrey Beard Tongue.	•10	3.30	30.00
	.25	2.00	18.00
. , 8			
PHLOX amoena. 4" Trailing rose pink, May	.35	2.50	20.00
Arendsi Louise. 2' Lilac, dark eye, May-July divaricata. 1' Lavender blue, May	.35	3.00	25.00
divaricata. I' Lavender blue, May	.30	2.50	18.00
subulata. Moss pink. 4" Pink, April-May	.25	2.00	18.00
- alba. White Moss Pink. 4" White, Apr. May	.25	2.00 3.50	18.00 25.00
- Apple Blossom. Delicate pink, April-May	.50	2.50	20.00
- Nelsoni. 4" Small vivid white, May	.35	2.50	20.00
- Vivid. 6" Clear bright rose, splendid evergreen	3 F	3.00	25.00
foliage; does not run, best dwarf phlox	.35	3.00	25.00
- G. F. Wilson. Lavender Moss Pink. 4"	7.5	7.00	25.00
Lavender blue, April-May	.35	3.00	25.00
ovata (carolina) Mountain Pink. 10" Rosy-red	.35	2.50	20.00
DECUSSATA. Garden Phlox. 1½' July-Sept.			
B. Compte. Reddish purple	.35	3.00	25.00
Coquelicot. Brilliant orange scarlet	.35	3.00	25.00
Deutchland. Brilliant red	.35	3.00	25.00
Dr. Konigshofer. Brilliant scarlet, crimson eye.	.35	3.00	25.00
Enchantress. Rich salmon pink	.30	2.50	20.00
Elizabeth Campbell. Pink	.35	3.00	25.00
Fireglow. Bright orange-scarlet	.35	3.00	25.00
	.25	2.00	15.00
Hindenburg. Vivid red	.35	3.00	25.00
	.25	2.00	15.00
Louise Abbema. Dwart white	.25	2.00	15.00

TIERDITEEOOD I EREITTIME			
PHLOX. DECUSSATA, Continued. Ea	ch	Per 10	Per 100
Milly Von Hoboken. Soft pink		2.50	20.00
Mice Lingard Fords tell white	.25	2.00	18.00
Miss Lingard. Early tall white			
	.25	2.00	15.00
	.25	2.00	15.00
	.25	2.00	15.00
Wanadis. Deep lilac	.30	2.50	20.00
PHYSALIS franchetti. Chinese Lantern. 2'			
	.25	2.00	18.00
	.20	2.00	10.00
PHYSOSTEGIA virginiana. False Dragonhead.			
	.25	2.00	18.00
Vivid. Large deep pink, Aug	.30	2.50	20.00
PLATYCODON grandiflorum. Balloon Flower.			
Light blue, June-July — album. 18" White, June-July	.25	2.00	18.00
- alhum 18" White June-July	.25	2.00	18.00
album. 10 write, june jury	.23	2.00	10.00
PLUMBAGO larpentae. Blue Leadwort. 9"			
Blue, Aug. Sept	.35	3.00	20.00
POLEMONIUM caeruleum. Greek Valerian. 15"			
	.30	2.50	20.00
humile (Richardsoni.) Jacob's Ladder. 12"		2.50	20.00
Plus Lung Luly	.30	2.50	20.00
Blue, June-July	.30		
reptans. Creeping Polemonium. 8" Blue,	.30	2.50	20.00
POTENTILLA tridentata. See Evergreens, page 50.			
PRIMULA acaulis (vulgaris). English Primrose.			
	.30	2.50	20.00
elation Orlin 8" Flowers in umbels various			
elatior. Oxlip. 8" Flowers in umbels, various colors, May	.30	2.50	20.00
japonica. Japanese Primrose. 9" Purred, June	.30	2.50	20.00
Marie Carrelle 60 V Harris and Arril Marie			
veris. Cowstip. o Tellow to rea April-May	.30	2.50	20.00
Veris. Cowslip. 6" Yellow to red April-May — Hose-in-Hose. 6" True yellow form	.50	4.00	35.00
PYRETHRUM hybridum. Painted Lady. 2'			
Double mixed, July-Aug	.25	2.00	18.00
RUDBECKIA laciniata. Golden Glow. 5' Yellow	.25	2.00	18.00
nurnurea See ECHINACEA.			
speciosa (newmanni). Showy Cone-flower.			
2' Yellow, Aug	.25	2.00	18.00
	.23	2.00	10.00
SALVIA azurea grandiflora (pitcheri). Azure	70	2.50	20.00
Salvia. 3' Light blue, Augnemorosa. Violet Sage. 2' May-June	.30	2.50	20.00
nemorosa. Violet Sage. 2 May-june	.30	2.50	20.00
pratensis. Meadow Sage. 2' Deep blue, June-Jul.	.30	2.50	20.00
SAPONARIA ocymoides splendens. Rock Soap-			
wort. 1' Red, May-July	.30	2.50	20.00
SANTOLINA incana. Hogry Layender Cotton.			
1½' Gray foliage	.30	2.50	20.00
SCABIOSA caucasica. Caucasian Scabiosa. 2'	.50	2.50	20.00
Lilea June Aug	.35	3.00	25.00
Lilac, June-Aug— alba. White Scabiosa. 2' June			
— aiba. White Scatiosa. 2 June	.50	4.00	30.00
SCUTELLARIA baicalensis coelestina. Azure	= 0	2 50	22.22
Skullcap. 1' Blue, July-Aug	.30	2.50	20.00
SEDUM acre. Gold Moss. 3" Yellow, May-June album. White Stonecrop. 3" White, May-June	.25	2.00	18.00
album, White Stonecrop, 3" White, May-June	.25	2.00	18.00
divergens. 6" hispanicum. Spanish Stonecrop. 4" Pale pk., July	.30	2.50	20.00
hispanicum Spanish Stonecrop 4" Pale pk July	35	3.00	25.00
kamtschaticum Orando Stonocrop 8" Vallow	.35	3.00	25.00
kamtschaticum. Orange Stonecrop. 8" Yellow reflexum. Jenny Stonecrop. 8"-10" Yel., June	.30	2.50	20.00
rupestre. 6"-8" Yellow, June		3.00	25.00
rupestre. 6"-8" Yellow, June	.35		
sarmentosum. Stringy Stonecrop. 2" Yellow	.25	2.00	15.00
sexangulare. Bright yellow, July-Augsieboldi. Siebold Stonecrop. 6"-8" Pk., Aug Sep.	.25	2.00	18.00
sieboldi. Siebold Stonecrop. 6"-8" Pk., Aug Sep.	.30	2.50	20.00
spectabile, Showy Stonecrop, 18" Pink, Aug. Sep.	30	2.50	20.00
— Brilliant. 18" Deep rose. AugSept	.30	2.50	20.00
— Brilliant. 18" Deep rose. Aug.—Sept stoloniferum. 6" Purplish-pink, July, Aug	.35	3.00	25.00

HERBACEOUS PERENNIAL	S		67
I.	Each	Per 10	Per 100
SEMPERVIVUM arachnoideum. Cobweb House-			
leek. 4" Red, SeptOct	.30	2.50	20.00
globiferum. Globe Houseleek. 8" Yel., SepOct.	.30	2.50	20.00
SILENE alpestris. Alpine Catchfly. 5" Pink, May	.30	2.50	20.00
schafta. Schafta Catchfly. 6" Pink, June-Sept.	.30	2.50	20.00
SPIREA aruncus. Goatsbeard. 4' White, June	.60	5.00	
STACHYS lantana. Woolly Betony. 18" Purple	.25	2.00	18.00
STATICE armeria laucheana. Thrift. 6" Red	.25	2.00	18.00
latifolia. Sea Lavender. 2' Lilac-blue, July-Aug.	.25	2.00	18.00
maritima splendens. 8" Bright rose-pk., June-July	.30	2.50	20.00
- alba. 8" White, June-July	.30	2.50	20.00
pseudoarmeria (armeria formosa). False			
Thrift. 8" Pink, June	.30	2.50	20.00
STOKESIA laevis cyanea. 2' Lilac-blue, July-Aug.	.25	2.00	18.00
- alba. 2' White, July-Aug	.35	3.00	25.00
THALICTRUM adiantifolium. Maidenhair			
Meadowrue. 1' Yellow, June-July	.40	3.00	25.00
aquilegifolium. Columbine Meadowrue. 2'			
Rosy-purple, June-July	.40	3.00	25.00
dipterocarpum. Yunnan Meadowrue. 3'-4'	4.0	7.00	2 " 22
Mauve, AugSept.	.40	3.00	25.00
THYMUS serpyllum album. White Thyme. 2"	40	7.00	25.00
White, June–July	.40	3.00	25.00
coccineus. Crimson Thyme. 3" June	.40	3.00	25.00
— splendens. Firefly Thyme. 3" Purplish-red	.40	3.00	25.00
— lanuginosus. Woolly Thyme. 2" Bright pink	.40	3.00	25.00
TRITOMA pfitzeri. Bonfire Torchlily. 2½' Red	.40	3.00	25.00
and yellow, Aug.—Sept	.40	3.00	23.00
TROLLUS europeus. Orange Globeflower. 18" Orange, May-Aug	.60	5.00	
TUNICA saxifraga. Tunic Flower. 6" Wh, July-Aug.		2.00	18.00
VALERIANA officinalis. Valerian. 3'-4' Blush	.20	2.00	10.00
pink, June-July	.30	2.50	20.00
VERONICA longifolia subsessilis. Clump Speed-			
well. 2' Violet-blue, Aug.	.40	3.00	25.00
gentianoides. Gentian Speedwell. 8" Blue,	.35	2.5C	20.00
repens. Creeping Speedwell. 2" Blue, May.	.35	2.50	20.00
- Heavenly Blue. Rock Speedwell. 4" Blue	.40	3.00	25.00
spicata. Spike Speedwell. 18" Blue, May-June	.25	2.00	18.00
spuria (amethystina). Bastard Speedwell.			
2' Blue, May-June	.30	2.50	20.00
teucrium rupestris. Rock Speedwell. 4" Blue	.30	2.50	20.00
— rosea. Pink Rock Speedwell. 4" Pink, June	.40	3.00	25.00
VINCA minor. Periwinkle. 4" Lilac blue, April-	0.5	2.00	15.00
May. Pot grown, 80.00 thousand	.25	2.00	15.00
- alba. White Periwinkle. 6" Wh., AprMay	.40	3.00	25.00
VIOLA cornuta. Tufted Pansy. 8" Blue-violet	.25	2.00	15.00
Admiration. 6" Violet, May-June	.25	2.00	15.00
Blue Perfection. 6" Purple-blue, May-Aug.	.25	2.00	15.00
Jersey Gem. 6" Rich violet, May-Aug Rose Queen. Rose-pink	.40	3.00 2.00	25.00 18.00
White Perfection, 6" White, May-Aug	.25	2.00	15.00
Yellow Gem. 6" Yellow, May-Augodorata. Gov. Herrick. 4" Violet, April-June	.25	2.00	18.00
odorata. Gov. Herrick. 4" Violet, April-June	.30	2.50	20.00

Fruit Trees and Bushes

APPLES AND CRAB APPLES	Each	Per 10
1 in. and upXX	2.50	22.50
7/8 in. to 1 in	1.50 1.00	12.50 8.50
11-16th to 7/8 in	.75	6.00
SUMMER—Early Harvest, Gravenstein, Red Astrachan	Yellow 7	ransp.
AUTUMN-Duchess, Fall Pippin, King, Sweet Bough,	Talman	Sweet,
WINTER-Baldwin, Delicious, Fameuse, Golden Ru N. W. Greening, Northern Spy, Rome Beauty, Stay CRAB APPLES-Hyslop, Red Siberian, Transcendent.		
PEARS—Standard		
1 in. and upXX	2.50	22.50
% in, to 1 inX	1.50	12.50
11-16th in. to ½ in	1.00	8.50
	.75	6.00
Bartlett, Beurre Bosc, Beurre d'Anjou, Clapp's Fa		·
Flemish Beauty, Kieffer, Lincoln, Lawrence, Seckel,	Sheldon	•
DWARF—Bartlett, Duchess, Seckel.	1.50	
First grade, $\frac{5}{8}$ in. and up	1.00	
CHERRIES—1 in to 1½ in XX	2.50	22.50
7/8 in. to 1 in	2.00	17.50
11-16th in. to ½ in	1.50 1.25	12.50 10.00
Black Tartarian, Downer's Late Red, Early Richmo		
Montmorency, Schmidt's Biggareau, Yellow Spanish		
PLUMS— 1 in. and upXX	2.00	17.50
7/8 in. to 1 in	1.50	12.50
Abundance, Bradshaw, Burbank, Yellow Egg, Germ	1.00	7.50
PEACHES—¾ in. and up, 5 to 7 ft	1.25	10.00
PEACHES—¾ in. and up, 5 to 7 ft	.75	6.00
Champion, White Late Crawford, Yellow Hale	, Yellow	
Belle of Georgia, White Elberta, Yellow Iron M	ountain,	White
QUINCES— 3/4 in., 4 to 5 ft	1.50	12.50
5% in., 3 to 4 ft	1.25	10.00 7.50
Champion, Orange.	1.00	7.30
NUTS-Japan Walnut, Black Walnut, Butternut.		
4 to 6 ft 2.00 each 6 to 8 ft.	3.	00 each
GRAPES - Agawam, red; Moore's Diamond, white;	Niagara,	white.
Catawba, red; Concord, black. Each	Per 10	Per 100
2 yr	4.00	30.00
CURRANTS-Cherry, Fay's Prolific, Perfection, Wh	ite Grape	
2 yr	4.00	30.00
GOOSEBERRIES—Downing, Houghton, Joselyn. 2 yr	4.00	30.00
RASPBERRY—Cuthbert, Cumberland (black), St. Regis (transpl.)	1.50	10.00
BLACKBERRIES—Blowers	1.50	10.00

PLANTS SUITABLE FOR THE ROCK GARDEN

Herbaceous Perennials

Achillea tomentosa, I' Alyssum saxatile compactum, 1' Androsace chumbyi, 4" Anemone pulsatilla, 13" Arabis alpina, 6" Arabis alpina floro pleno, 7" Arenaria balearica, 2" Arenaria montana, 3" Aster alpinus, 8" Aster sub coeruleus, 12" Bellis perennis, 5", Bellis perennis flore pleno, 6" Bellis perennis monstrosa rosea, 6" Calandrinia umbellata, 6" Campanula carpatica, 6" Campanula carpatica alba, 6" Campanula garganica, 4" Campanula portenschlagiana, 4" Campanula rotundifolia, 9" Cerastium tomentosum, 6" Dianthus deltoides, 8" Dicentra eximia, 1 Dicentra formosa, 1' Dracocephalum ruyschiana, 1' Ferns, Adiatum pedatum, 1' Ferns, Aspidium acrostichoides, 1' Funkia subcordata minor, 8' Geum chiloense (coccinea), 1' Geum chiloense Mrs. Brad., 11/2 Globularia trichosanthes, 6' Grasses, Festuca glauca' 1' Gypsophila cerastioides, 4" Gypsophila repens, 4" Helianthemum cham. aureum, 8" Helianthemum cham. bride, 8" Helianthemum cham. Mrs. Earle,8" Helianthemum cham. mutabile, 8" Helianthemum cham. rose queen, 8" Heuchera brizoides, 11/2 Iberis gibraltarica, 8" Iberis little gem, 6''Iberis sempervirens, 10" Iris cristata, 4" Iris excelsa, 6" Iris sambo, 6" Iris Schneecuppe, 6" Iris pumila cyanea, 8" Lavendula vera munsted, 1' Linum perenne, 1' Linum perenne album, 1' Lychnis alpina, 6" Myosotis scorpioides, 10" Myosotis Barr's alpine blue, 6" Nepeta mussini, 10" Nierembergia rivularis, 4"

Oenothera missouriensis, 9"

Papaver alpinum, 10" Papaver nudicaule, 1' Phlox amoena, 4" Phlox apple blossum Phlox divaricata, 1 Phlox nelsoni, 4" Phlox subulata, 4" Phlox subulata alba, 4" Phlox subulata vivid, 6" Phlox subulata G. F. Wilson, 4" Plumbago larpentae, 9" Primula elatoir, 8" Primula japonica, 9" Primula veris, 6" Primula veris hose-in-hose, 6" Primula (vulgaris), 6" Polemonium reptans, 8" Saponaria ocymoides splendens, 1' Sedum acre, 3" Sedum album, 3" Sedum divergens, 6" Sedum hispanicum, 4" Sedum kamschaticum, 8" Sedum reflexum, 8"-10" Sedum rupestre, 6"-8" Sedum sarmentosum, 2" Sedum sexangulare Sedum sieboldi, 6"-8" Sedum stoloniferum, 6" Sempervivum arachnoideum, 4" Sempervivum globiferum, 8' Silene alpestris, 5' Silene schafta, 6" Statice armeria laucheana, 6" Statice maritima splendens, 8" Statice maritima alba, 8" Thymus serphyllum album, 2" Thymus serphyllum coccineum, 3" Thymus serphyllum lanuginosus 2" Thymus serphyllum splendens, 3" Tunica saxifraga, 6" Veronica gentianoides, 8" Veronica repens, 2" Veronica repens heavenly blue, 4" Veronica teuerium rupestris, 4' Veronica teuerium rosea, 4" Vinca minor, 4" Viola admiration, 6" Viola blue perfection, 6" Viola cornuta, 8" Viola Jersey gem, 6" Viola odorata Gov. Herrick, 4" Viola rose queen Viola white perfection, 6" Viola vellow gem, 6"

PLANTS SUITABLE FOR THE ROCK GARDEN

Evergreens

Arctostaphylos uva-ursi Azalea amoena, 2½'-3' Azalea Hinodegiri, 3'-4' Calluna vulgaris, 1'-2' Cotoneaster horizontalis, 11/2'-2' Cotoneaster microphylla, 2'-21/5' Cotoneaster thymifolia, 11/2'-2' Daphne cneorum, 1' Epigaea repens, 6" Euonymus radicans minimus, 2'-3'Euonymus japonicus microphyllus Juniperus chinensis sargenti, 11/2' Juniperus communis cracovica, 4'-5' Juniperus communis suecica na., 3' Juniperus communis depressa plum. Juniperus conferta, 1'-11/2' Juniperus horizontalis, 1'-11/2' Juniperus horizontalis doug., $l'-l\frac{1}{2}$ Juniperus japonica, 3'-1' Juniperus japonica aurea, 2' 3' Juniperus sabina tamariscifolia, 1' Juniperus squamata meyeri, 3'-4'Juniperus squamata variegata Lieophyllum buxifolium, 18"

Lonicera pileata, 2' Mitchella repens, 4" Pachistima canbyi 3''-4'' Picea alba albertiana, 4' Picea excelsa procumbens, 11/2'-2' Picea excelsa conica, 6'-7' Pinus densiflora umbraculif., 3'-4' Pinus montana mughus, 21/2'-3' Potentilla tridentata, 8" Retinospora obtusa grac. com. 4'-5' Retinospora obtusa grac. nana, 2' Taxus baccata compacta, 3' 4' Taxus baccata erecta, 3'-5' Taxus baccata repandens, 11/2'-2' Taxus canadensis, 2'-21/2' Taxus cuspidata nana, 2'-3, Thuja occidentalis compacta, 2'-4' Thuja occidentalis globosa, 2½'-3' Thuja occidentalis pumila, 2' 21/9' Thuja occidentalis recurva nana, 2' Thuja occidentalis umbraculif. 2'-3' Thuja orientalis compacta, 3'-4' Thuja orientalis nana aurea, $2\frac{1}{2}'-3'$

Deciduous Shrubs

Caryopteris incana, 2'-3'
Ceanothus americana, 3'-4'
Cytisus scoparius, 4'-5'
Deutzia gracilis, 3'
Genista tinctoria, 3'
Hypericum buckleyi, 1'
Hypericum moserianum, 2'
Hypericum patulum grandifl. 2½'
Hypericum patulum Henryi, 2'-3'
Jasminum nudiflorum, 3'

Lonicera syringantha, 3'-5'
Lonicera syringantha wolfi, 2½'-3'
Lonicera spinosa alberti, 2'
Lonicera thibetica, 3'-4'
Potentilla fruticosa, 3'-4'
Rosa rugosa repens alba
Rosa spinosissima, 3'-4'
Spiraea japonica, 3'
Viburnum opulus nanum, 1½'-2'

GROUND COVERS

For Shady Places

Epigaea repens
Euonymus radicans minimus
Galax aphylla
Gaultheria procumbens
Hedera helix and varieties
Leiophyllum buxifolium
Mitchella repens

Pachistima canbyi Pachysandra terminalis Shortia galacifolia Taxus canadensis Vaccineum vitis-idaea Vinca minor

For Sunny Places

Arctostaphyllos uva-ursi Calluna vulgaris and varieties Juniperus communis depressa Juniperus conferta Juniperus horizontalis Juniperus sargenti Juniperus tamariscifolia Pachysandra terminalis Zanthorhiza apiifolia

PLANTS FOR SHADED SITUATIONS

Deciduous Trees and Small Shrubs

Acanthopanax pentaphylla, 7'-8' Amelanchier canadensis, 12'-15' Aronia melanocarpa, 8'-10' Aronia arbutifolia, 6'-8' Azalea arborescens, 10'-12' Azalea nudiflora, 6'-8' Azalea vaseyi, 5'-6' Azalea viscosa, 4'-5' Benzoin aestivalis, 10'-12' Calycanthus floridus, 4'-5' Ceanothus americanus, Cephalanthus occidentalis, 5'-6' Cercis canadensis, 12'-15' Chionanthus virginica, 15'-18' Clethra alnifolia, 4'-5' Cornus alternifolia, 15'-18' Cornus amomum, 8'-9' Cornus florida, 15'-25' Cornus florida rubra, 15'-20' , Halesia tetraptera, 12'-15'

Hamamelis virginiana, Hydrangea arborescens, 4'-5' Hydrangea quercifolia, 3'-4' Hypericum aureum, 3'-4' Ligustrum ibota regelianum, 5'-6'Ligustrum vulgare, 10'-12' Lonicera fragrantissima, 6'-8' Lonicera morrowi, 7'-8' Lonicera tatarica, 9'-10' Myrica cerifera, 4'-5' Oxydendrum arboreum, 25'-30' Philadelphus, 9'-10'Physocarpus opulifolia, 9'-10'Rhodotypos kerrioides, 4'-5' Rubus odoratus, 5'-6'Symphoricarpos racemosa, 5'-6' Symphoricarpos vulgare, 4'-5' Viburnum dentatum, 10'-12' Viburnum lentago, 18'-20' Viburnum molle, 10'-12'

Evergreen

Andromeda floribunda, 4' Andromeda japonica, 4'–5' Azalea amoena, 2½'-3' Azalea hinodegiri, 3'–4' Buxus sempervirens, 12'–15' Ilex crenata microphylla, 6'–8' Ilex glabra, 5'–6' Juniperus canadensis, 2½'–3' Kalmia latifolia, 5'–7' Leucothoe catesbaei, 3'–4'

Mahonia aquifolium, 4'-5'
Pachysandra terminalis, 6"-8"
Rhododendron carolinianum, 5'-6'
Rhododendron cataw. hybrids, 3'-8'
Rhododendron catawbiense, 6'-9'
Rhododendron maximum, 8'-12'
Taxus cuspidata, 4'-5'
Taxus cuspidata brevifolia, 2'-3'
Taxus canadensis, 2'-2½'
Tsuga canadensis, 75'-90'

Herbaceous Perennials

Aquilegia
Anemone japonica
Convallaria majalis
Digitalis
Dicentra spectabilis
Dicentra eximia
Funkia
Hepatica triloba
Lobelia cardinalis

Aconitum

Lobelia syphilitica Lythrum Lychnis chalcedonica Myosotis palustrus Platycodon grandiflora Polemonium Primula Vinca minor Viola cornuta Veronica spicata

PLANTS FOR BINDING AND COVERING SOIL ON STEEP BANKS

Shrubs

Acanthopanax pentaphylla, 7'-8' Berberis thunbergi, 4'-5' Comptonia asplenifolia, 2'-3' Myrica cerifera, 4'-5' Lonicera tatarica, 9'-10' Rhus glabra, 10'-12' Rhus typhina, 15'-18'

Rosa setigera, 5'-6' Sambucus canadensis, 8'-9' Spiraea tomentosa, 3'-4' Symphoricarpos racemosus, 5'-6' Symphoricarpos vulgare, 4'-5' Rosa rugosa, 4'-5' Rhus canadensis, 4'-5'

Vines

Celastrus scandens, 20'-25' Lonicera japonica, 15'-20' Lycium chinensis, 12'-15' Rosa setigera Rosa wichuriana Rosa lucida, 5'-6'

PLANTS FOR DRY SOILS

Trees

Deciduous

Acer negundo, 60' Ailanthus glandulosus, 50'–60' Betula populifolia, 30'–40' Phellodendron sachalinense.

Evergreen

Pinus resinosa, 50'-60' Pinus rigida, 40'-50' Pinus divaricata, 40'-50' Pinus strobus, 80'-100'

Shrubs Deciduous

Acanthopanax pentaphylla, 7'-8' Comptonia asplenifolium, 2'-3' Cornus paniculata, 10'-12' Colutea arborescens, 8'-10' Hypericum prolificum, 2½'-3' Hypericum kalmianum, 4'-5' Lespedeza bicolor, 5'-6' Myrica cerifera, 4'-5' Prunus maritima, 9'-10' Robina hispida, 5'-6'

Rosa setigera, 5'-6'
Rhus typhina, 15'-18'
Rhus canadensis, 4'-5'
Rhamnus cathartica, 9'-10'
Ribes aureum, 7'-8'
Symphoricarpos racemosus, 5'-6'
Symphoricarpos vulgare, 4'-5'
Vaccinium corymbosum, 5'-6'

Evergreen

Arctostaphylos uva-ursi Juniperus communis, $2'-2\frac{1}{2}'$ Juniperus communis depressa, $1\frac{1}{2}'$ Juniperus sabina, 6'-7' Juniperus horizontalis, 1'-1½' Mahonia aquifolia, 4'-5' Pachysandra terminalis, 8'' Pinus montana mughus, 2½'-3'

Viburnum latana, 15'-18'

Herbaceous Perennials

Sunny Places

Asclepias tuberosa Armeria Anthemis tinctoria Achillea tomentosa Achillea ptarmica, The Pearl Baptisia australis Baptisia tinctoria Cerastium tomentosum Dianthus barbatus Gypsophilla paniculata Helianthemum
Helianthus
Linum perenne
Lupinus polyphyllus
Lychnis haageana
Oenothera. youngi
Phlox subulata
Pentstemon barbatus
Sempervivum
Sedum

Shady Places

Aquilegia canadensis Aster alpinus Aquilegia chrysantha Heuchera sanguinea

Iberis sempervirens Platycodon grandiflorum Sedum spectabile

PLANTS FOR AUTUMN COLORING Trees

Acer rubrum, 50'-75' Acer saccharum, 50'-75' Crataegus cordata, 12'-15' Cornus florida, 15'-25' Liquidamber styraciflua, 50'-60' Quercus palustris, 75'-90' Oxydendron orboreum,

Shrubs

Aronia arbutifolius, 6'-8' Aronia melanocarpa, 8'-10' Berberis thunbergi, 4'-5' Cornus paniculata, 10'-12' Cornus alternifolia, 15'-18' Euonymus americana, 7'-8' Euonymus alatus, 9'-10' Oxydendrum arboreum, 25'-30' Rhus copallina, 12'-13' Rhus aromatica, 4'-5' Rhus glabra, 10'-12' Vaccinium corymbosum, 5'-6' Viburnum (all species)

PLANTS FOR WET OR MARSHY PLACES

Deciduous Trees

Acer rubrum, 50'-75' Betula nigra. 50'-60'

Liquidamber styraciflua, 50'-60' Larix leptolepis, 50'-60'

Ouercus bicolor 75'-90'

Quercus palustris, 75'-90' Salix babylonica, 50'-60' Salix discolor, 15'-20' Ulmus americana, 80'-100'

Taxodium distichum, 100'

Shrubs

Azalea viscosa, 4'-5'

Cephalanthus occidentalis, 4'-5'

Calycanthus floridus, 4'-5'

Chamaedaphne calyculata, 3'-4'

Cornus stolonifera, 7'-8' Cornus amomum, 8'-9'

Clethra alnifolia. 4'-5'

llex verticillata, 6' 8'

Ilex glabra, 5'-6'

Itea virginica, 3'-4'

Benzoin aestivalis, 10'-12'

Aronia arbutifolia, 6'-8'

Aronia melanocarpa, 8'-10'

Rosa palustris, 6'-7'

Sambucus canadensis, 8'-9'

Spiraea tomentosum, 3'-4'

Viburnum dentatum, 10'-11'

Viburnum lentago, 18'-20'

Viburnum cassinoides, 5'-6'

Herbaceous Perennials

Aster novae-angliae

Asclepias tuberosa

Boltonia latisquama

Caltha palustris

Cimicifuga foetida simplex

Cimicifuga racemosus

Helenium autumnale

Hibiscus moscheutos

Iris sibirica

Iris kaempferi

Lobelia cardinalis

Lythrum salicaria roseum

Myosotis palustris

Physostegia virginica

Broadleaved Evergreen Shrubs

Azalea amoena

Azalea hinodegiri

Azalea, Japanese varieties

Berberis illicifolia

Berberis julianae

Buxus

Calluna vulgaris

Chamaedaphne calyculata

Cotoneaster franchetti

Cotoneaster horizontalis

Cotoneaster lemoinei

Cotoneaster microphylla

Cotoneaster rotundifolia

Cotoneaster Simonsi

Daphne cneorum

Epigaea repens

Euonymus japonica

Euonymus patens

Euonymus radicans and varieties

llex crenata microphylla & varieties

Ilex glabra

Ilex opaca

Kalmia latifolia

Leiophyllum buxifolium

Leucothoe catesbaei

Lonicera pileata

Mahonia aquifolia

Mahonia beali

Mitchella repens

Pachistima canbyi

Pieris japonica

Pieris floribunda

Potentilla tridentata

Pyracantha coccinea lalandi

Rhododendrons in vaetriy

Stranvaesia davidiana

Viburnum rhytidophyllum

Yucca filiamentosa

BERRY-BEARING TREES AND SHRUBS

Red Berries

Berberis vulgaris, 7'-8'
Berberis thunbergi, 4'-5'
Cornus florida, 15'-25'
Crataegus cordata, 12'-15'
Crataegus crus-galli, 15'
Crataegus coccinea, 15'-20'
Cotoneaster horizontalis, 1'-1½'
Cotoneaster divaricata
Euonymus alatus, 9'-10'
Euonymus europaeus, 12'-14'
Euonymus bungeana, 12'-14'
Ilex verticillata, 6'-8'
Lonicera morrowi, 7' 8'

Lonicera tatarica, 9' 10'
Lonicera maacki, 8' 9'
Photinia villosa
Rhamnus caroliniana
Rosa rubiginosa, 5'-6'
Rosa rugosa, 4'-5'
Rosa blanda, 4'-5'
Sorbus aucuparia, 25'-30'
Sambucus racemosus, 8'-10'
Stranvaesia davidiana
Viburnum opulus, 9'-10'
Viburnum dilatatum, 8'-9'
Viburnum americanum, 8'-9'
Benzoin aestivale, 10'-12'

White Berries

Cornus stolonifera, 7'-8' Cornus alba, 8'-10' Symphoricarpos racemosus, 5'-6'

Yellow Berries

Elaeagnus longipes, 6'-8'

Elaeagnus angustifolia, 15'-18' Eleagnus umbellatus

Black Berries

Aralia spinosa, 18'-20'
llex glabra, 5'-6'
llex crenata microphylla, 6'-8'
Ligustrum vulgare, 10'-12'
Ligustrum regelianum
Phellodendron sachalinense
Aronia melanocarpa, 8'-10'
Amelanchier canadensis, 12'-15'

Rhodotypus kerrioides, 4'-5'
Sambucus canadensis, 8'-9'
Viburnum acerifolium
Viburnum prunifolium
Viburnum sieboldi, 9'-10'
Viburnum plicatum, 7'-8'
Viburnum lantana, 15'-18'
Rhamnus cathartica, 9'-10'

Deep Blue-black Berries

Mahonia aquifolia, 4'-5' Vaccinium corymbosum Viburnum dentatum, 10'-12' Viburnum cassinoides, 5'-6' Viburnum lentago Viburnum molle

Blue Berries

Cornus amomum, 8'-9' Ampelopsis heterophylla Callicarpa purpurea (mauve)
Callicarpa japonica
Symplocos paniculata

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